

Data File : VW001118.D

Acq On : 29 Jan 2018 13:43

Operator : JC/SY

Sample : VSTDIC100

Misc : 5.0G/5.0ML/MSVOA_W/SOIL

ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Quant Time: Jan 30 00:52:05 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M

Quant Title : SW846 8260

QLast Update : Tue Jan 30 00:46:15 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	303375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	417456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	387345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	213372	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	289129	98.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.06%	
35) Dibromofluoromethane	7.88	113	272051	101.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.76%	
50) Toluene-d8	10.33	98	1032194	100.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.86%	
62) 4-Bromofluorobenzene	12.63	95	380808	100.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	247873	96.42	ug/l	98
3) Chloromethane	2.22	50	212066	94.43	ug/l	99
4) Vinyl Chloride	2.36	62	209333	93.63	ug/l	99
5) Bromomethane	2.72	94	122534	97.23	ug/l	98
6) Chloroethane	2.89	64	116395	91.74	ug/l	97
7) Trichlorofluoromethane	3.24	101	391891	94.33	ug/l	100
8) Diethyl Ether	3.67	74	103370	95.61	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.04	101	273674	99.02	ug/l	99
10) Methyl Iodide	4.25	142	319702	109.55	ug/l	100
11) Tert butyl alcohol	5.20	59	140292	589.71	ug/l	100
12) 1,1-Dichloroethene	4.02	96	234612	97.17	ug/l	98
13) Acrolein	3.89	56	203438	534.53	ug/l	98
14) Allyl chloride	4.66	41	361133	100.11	ug/l	99
15) Acrylonitrile	5.37	53	387858	528.43	ug/l	100
16) Acetone	4.13	43	420256	541.92	ug/l	99
17) Carbon Disulfide	4.35	76	738963	98.54	ug/l	99
18) Methyl Acetate	4.67	43	191482	105.93	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	647559	103.63	ug/l	98
20) Methylene Chloride	4.90	84	248923	99.50	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	261937	97.14	ug/l	100
22) Diisopropyl ether	6.32	45	688537	99.63	ug/l	99
23) Vinyl Acetate	6.26	43	2241256	541.29	ug/l	100
24) 1,1-Dichloroethane	6.21	63	434243	96.29	ug/l	98
25) 2-Butanone	7.18	43	554992	545.23	ug/l	98
26) 2,2-Dichloropropane	7.17	77	424500	95.16	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	283236	98.47	ug/l	100
28) Bromochloromethane	7.51	49	181687	99.12	ug/l	99
29) Tetrahydrofuran	7.53	42	321311	552.74	ug/l	99
30) Chloroform	7.67	83	466738	95.51	ug/l	99
31) Cyclohexane	7.95	56	404526	92.43	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	446271	96.52	ug/l	99
36) 1,1-Dichloropropene	8.08	75	371602	98.60	ug/l	99
37) Ethyl Acetate	7.26	43	206453	103.61	ug/l	99
38) Carbon Tetrachloride	8.06	117	417912	99.29	ug/l	98

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Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Quant Time: Jan 30 00:52:05 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M

Quant Title : SW846 8260

QLast Update : Tue Jan 30 00:46:15 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	463917	104.25	ug/l	98
40) Benzene	8.32	78	1015583	97.32	ug/l	98
41) Methacrylonitrile	7.49	41	110486	99.96	ug/l	95
42) 1,2-Dichloroethane	8.40	62	322871	98.40	ug/l	100
43) Isopropyl Acetate	8.43	43	372966	108.81	ug/l	100
44) Trichloroethene	9.09	130	303370	96.83	ug/l	100
45) 1,2-Dichloropropane	9.37	63	248334	98.83	ug/l	98
46) Dibromomethane	9.46	93	157950	100.52	ug/l	100
47) Bromodichloromethane	9.65	83	354421	99.69	ug/l	99
48) Methyl methacrylate	9.44	41	183000	111.69	ug/l	99
49) 1,4-Dioxane	9.45	88	63139	2254.95	ug/l	98
51) 4-Methyl-2-Pentanone	10.22	43	1054285	562.90	ug/l	99
52) Toluene	10.40	92	665485	99.32	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	380136	105.97	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	408288	101.95	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	221951	99.08	ug/l	99
56) Ethyl methacrylate	10.65	69	297010	113.10	ug/l	99
57) 1,3-Dichloropropane	10.94	76	367877	101.02	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	918951	500.59	ug/l	99
59) 2-Hexanone	10.98	43	834087	588.64	ug/l	100
60) Dibromochloromethane	11.13	129	279292	102.32	ug/l	99
61) 1,2-Dibromoethane	11.24	107	231155	102.33	ug/l	100
64) Tetrachloroethene	10.87	164	299437	96.14	ug/l	99
65) Chlorobenzene	11.66	112	761052	97.42	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	282536	99.04	ug/l	99
67) Ethyl Benzene	11.74	91	1316350	100.93	ug/l	98
68) m/p-Xylenes	11.85	106	1021499	201.04	ug/l	99
69) o-Xylene	12.18	106	479506	102.35	ug/l	99
70) Styrene	12.19	104	794550	103.18	ug/l	100
71) Bromoform	12.36	173	195633	106.14	ug/l #	98
73) Isopropylbenzene	12.48	105	1351426	101.12	ug/l	100
74) N-amyl acetate	12.29	43	341890	112.01	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	282582	103.37	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	394219	151.62	ug/l #	100
77) Bromobenzene	12.76	156	336341	96.93	ug/l	96
78) n-propylbenzene	12.82	91	1593802	99.61	ug/l	100
79) 2-Chlorotoluene	12.91	91	906429	98.99	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	1161765	101.64	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	94332	114.70	ug/l	99
82) 4-Chlorotoluene	13.01	91	950669	97.38	ug/l	100
83) tert-Butylbenzene	13.22	119	1047060	103.67	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	1180712	101.52	ug/l	99
85) sec-Butylbenzene	13.40	105	1451085	101.58	ug/l	100
86) p-Isopropyltoluene	13.51	119	1311137	103.23	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	659056	96.20	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	661352	96.08	ug/l	99
89) n-Butylbenzene	13.84	91	1228124	103.78	ug/l	99
90) Hexachloroethane	14.11	117	241535	101.98	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	614841	98.04	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	62928	114.12	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012918\
Quantitation Report (Not Reviewed)

Data File : VW001118.D
Acq On : 29 Jan 2018 13:43
Operator : JC/SY
Sample : VSTDICC100
Misc : 5.0G/5.0ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

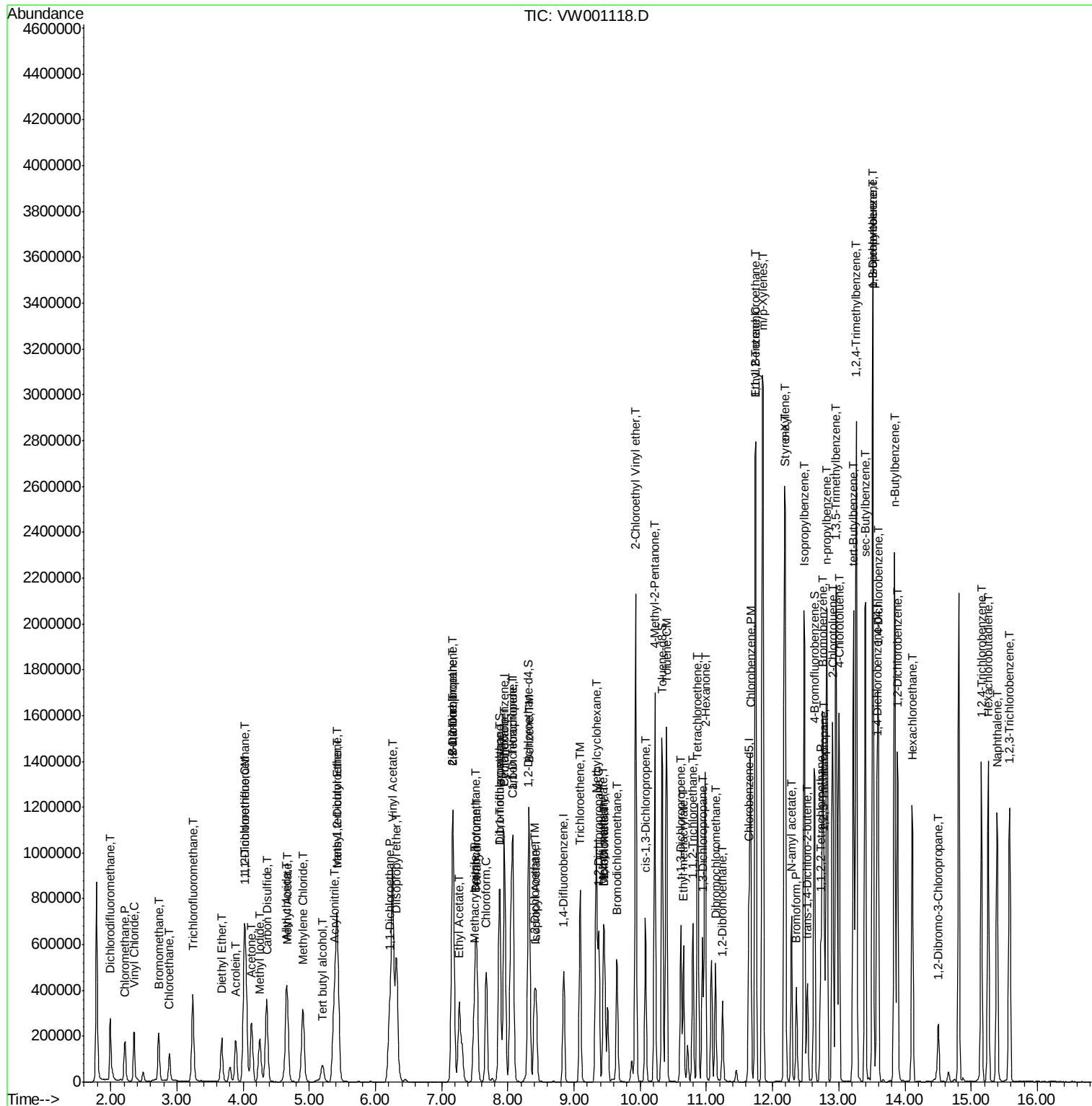
Quant Time: Jan 30 00:52:05 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 30 00:46:15 2018
Response via : Initial Calibration

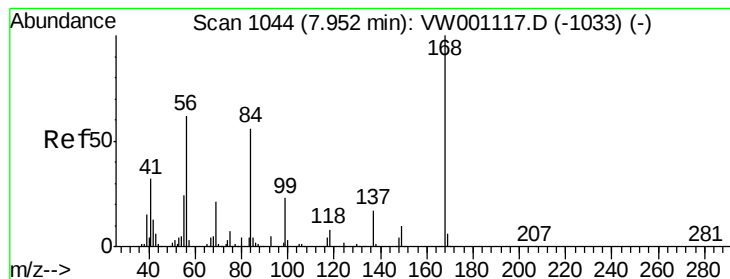
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	479404	103.90	ug/l	100
94) Hexachlorobutadiene	15.26	225	291528	102.17	ug/l	99
95) Naphthalene	15.39	128	1037839	114.00	ug/l	99
96) 1,2,3-Trichlorobenzene	15.58	180	430776	101.24	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial      : 6      Sample Multiplier: 1
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

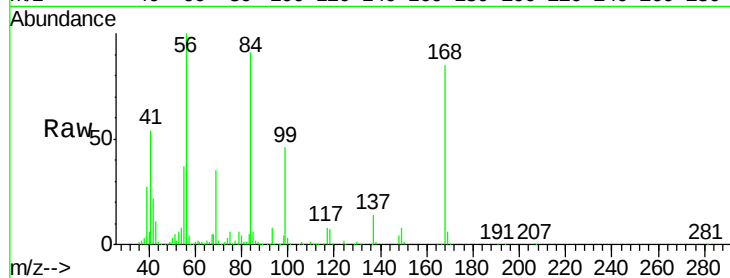
VSTDIC100

Tgt Ion:168 Resp: 303375

Ion Ratio Lower Upper

168 100

99 53.8 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

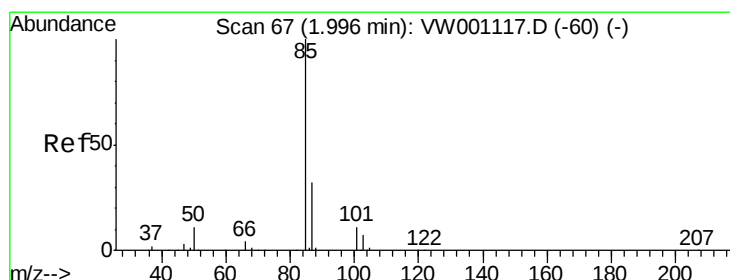
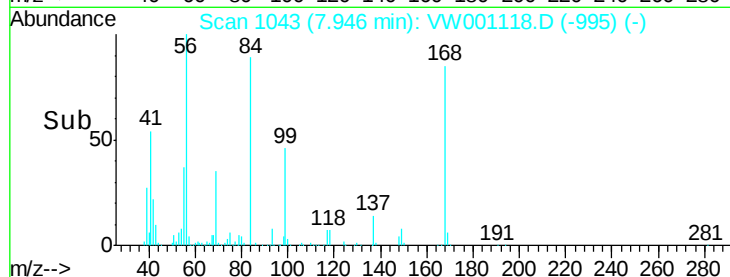
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 96.42 ug/l

RT: 2.00 min Scan# 67

Delta R.T. -0.00 min

Lab File: VW001118.D

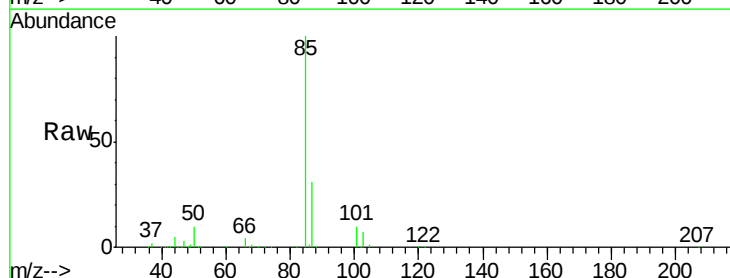
Acq: 29 Jan 2018 13:43

Tgt Ion: 85 Resp: 247873

Ion Ratio Lower Upper

85 100

87 31.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

150000

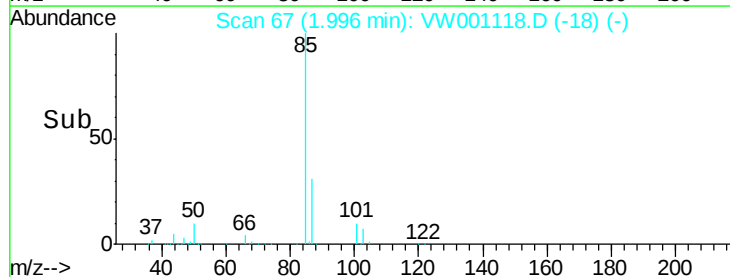
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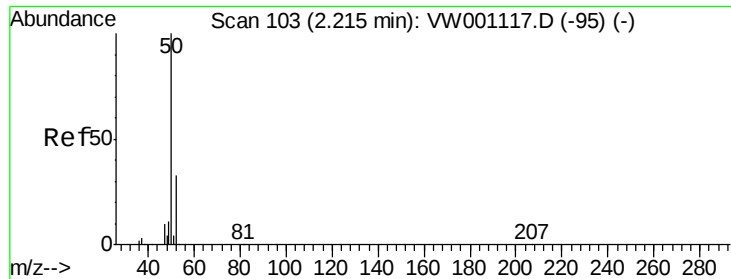
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 94.43 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

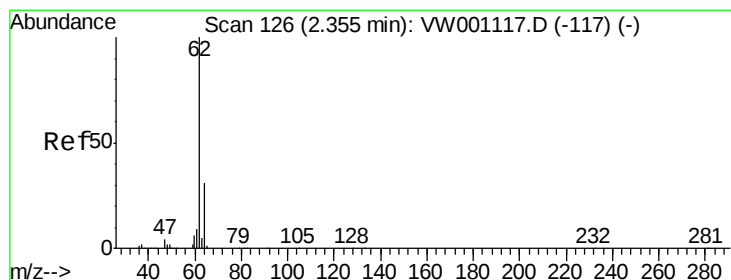
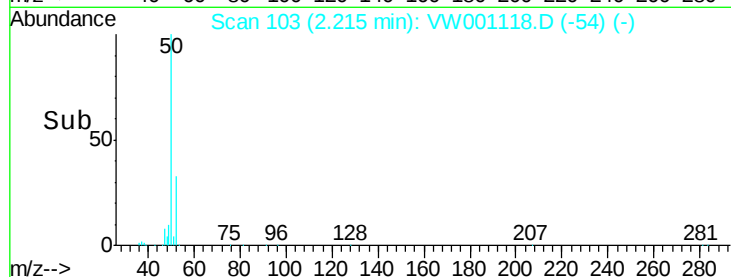
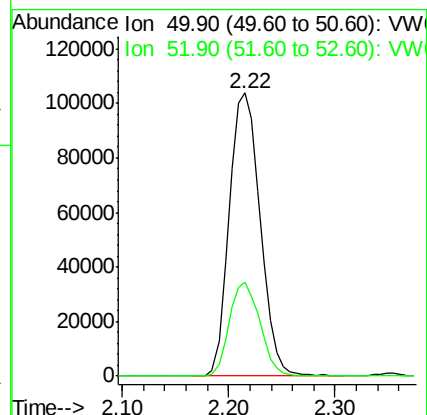
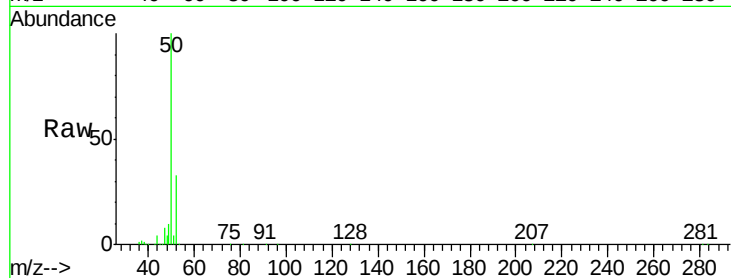
VSTDIC100

Tgt Ion: 50 Resp: 212066

Ion Ratio Lower Upper

50 100

52 33.3 26.2 39.4



#4

Vinyl Chloride

Concen: 93.63 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW001118.D

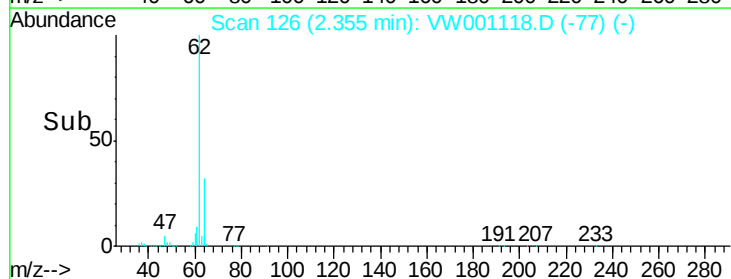
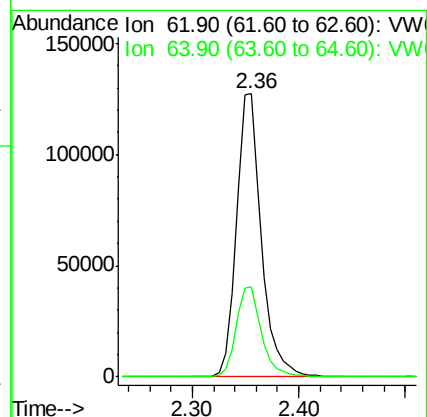
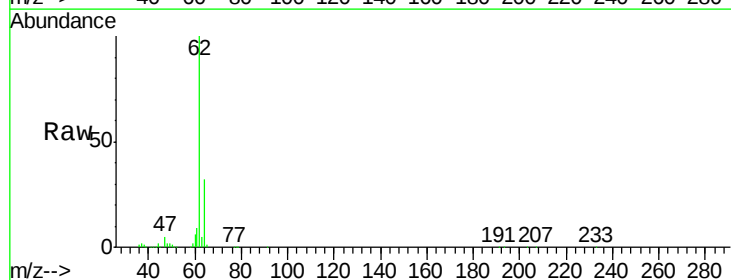
Acq: 29 Jan 2018 13:43

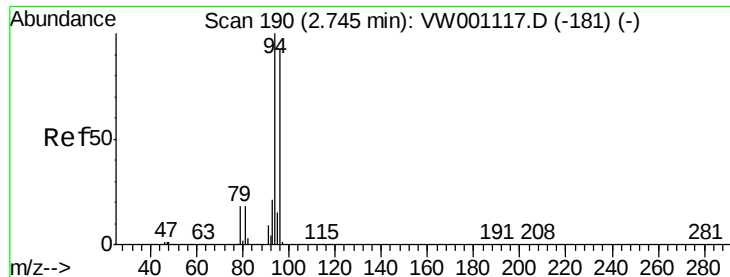
Tgt Ion: 62 Resp: 209333

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 97.23 ug/l

RT: 2.72 min Scan# 186

Delta R.T. -0.02 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

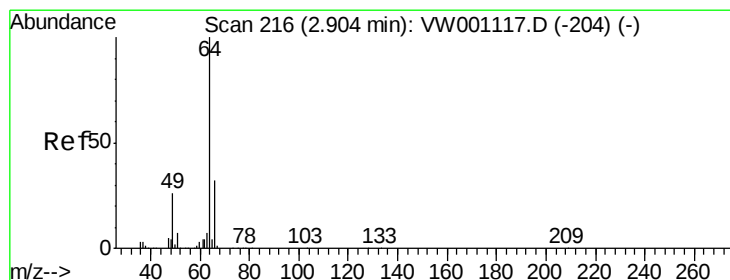
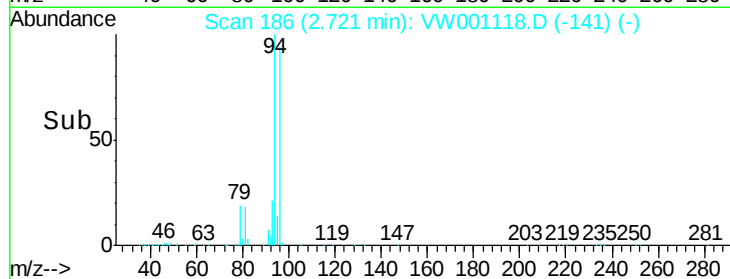
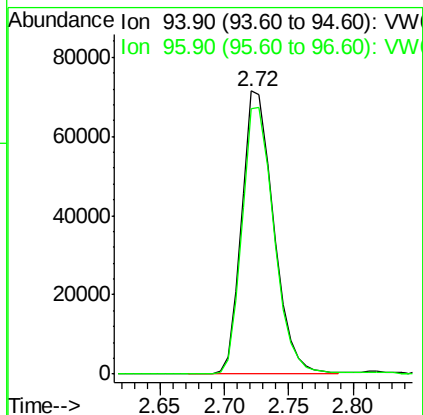
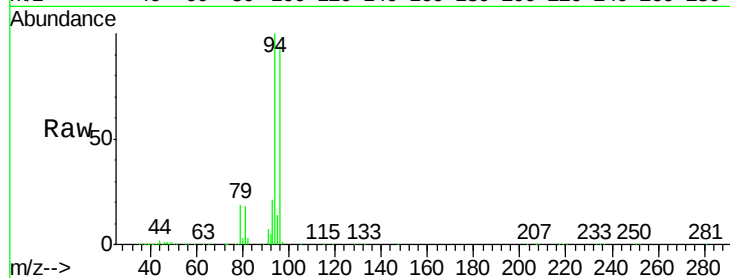
VSTDIC100

Tgt Ion: 94 Resp: 122534

Ion Ratio Lower Upper

94 100

96 93.7 73.7 110.5



#6

Chloroethane

Concen: 91.74 ug/l

RT: 2.89 min Scan# 213

Delta R.T. -0.02 min

Lab File: VW001118.D

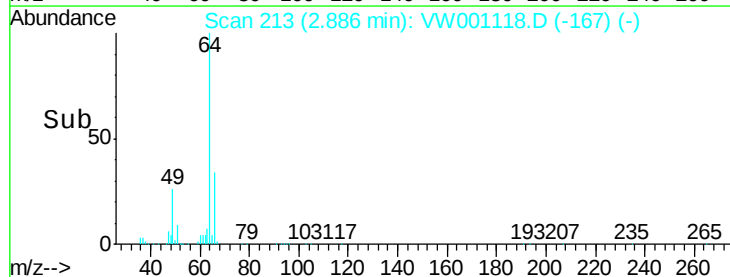
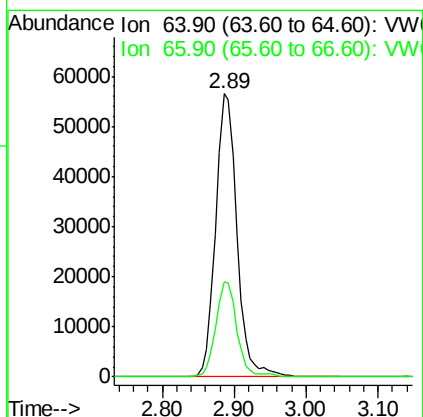
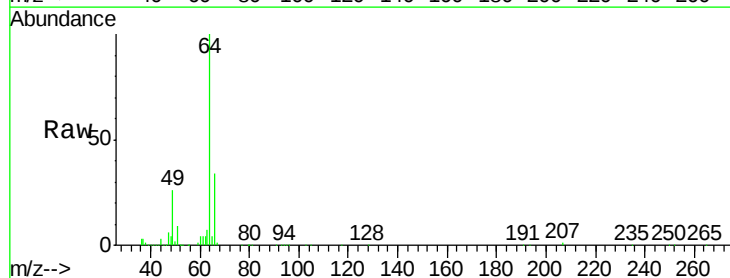
Acq: 29 Jan 2018 13:43

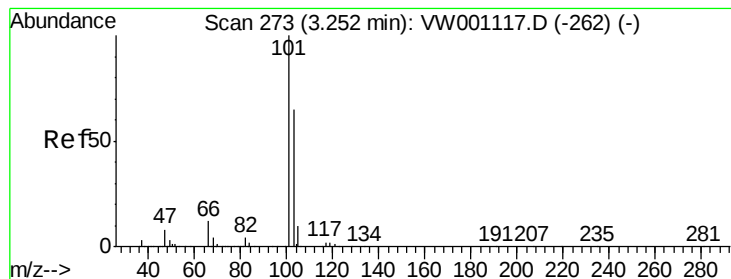
Tgt Ion: 64 Resp: 116395

Ion Ratio Lower Upper

64 100

66 33.8 25.8 38.8



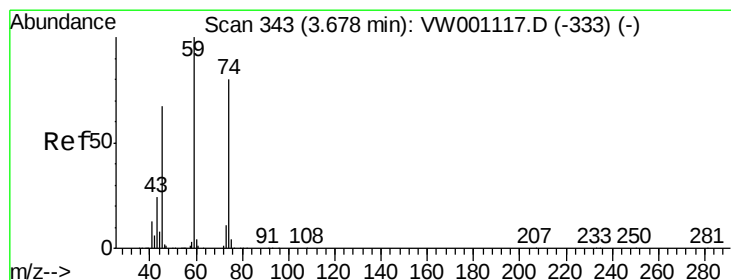
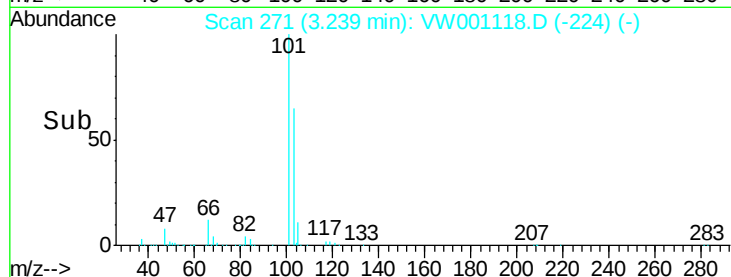
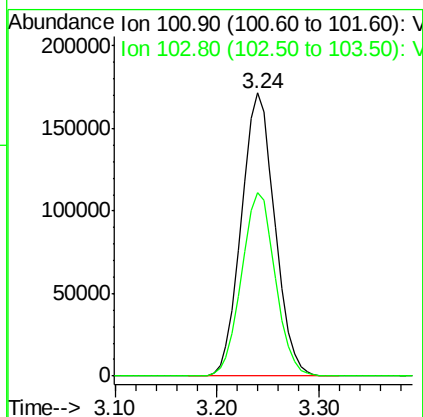
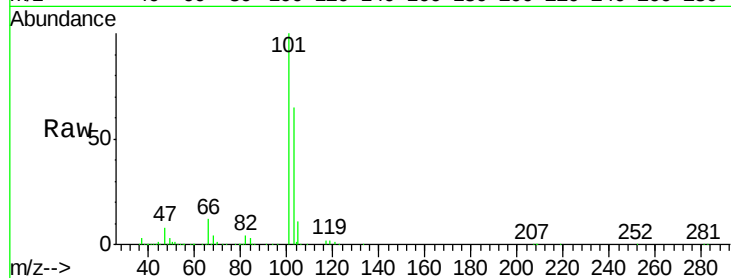


#7

Trichlorofluoromethane
 Concen: 94.33 ug/l
 RT: 3.24 min Scan# 271
 Delta R.T. -0.01 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

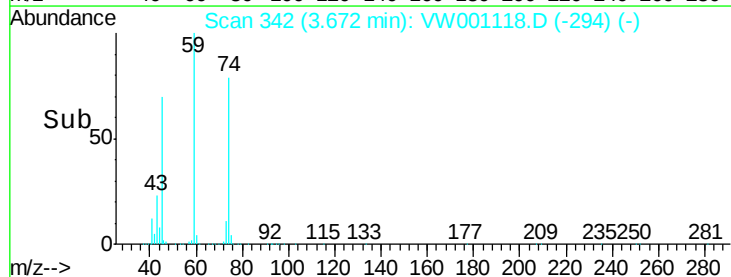
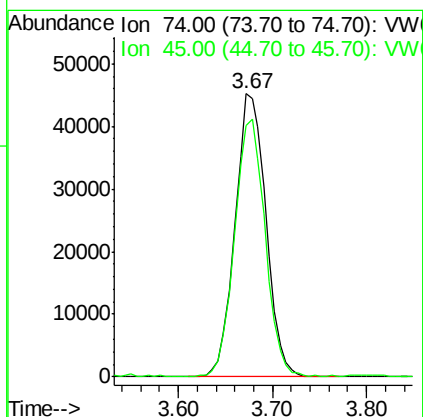
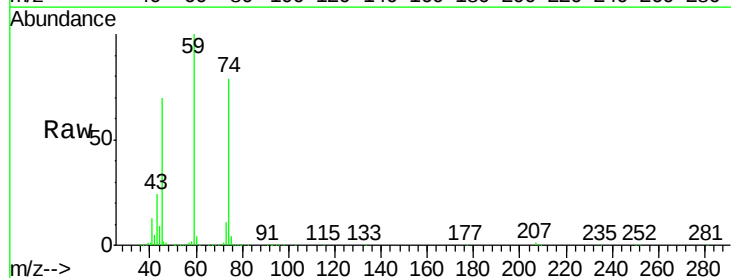
Tgt Ion:101 Resp: 391891
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.9 77.9

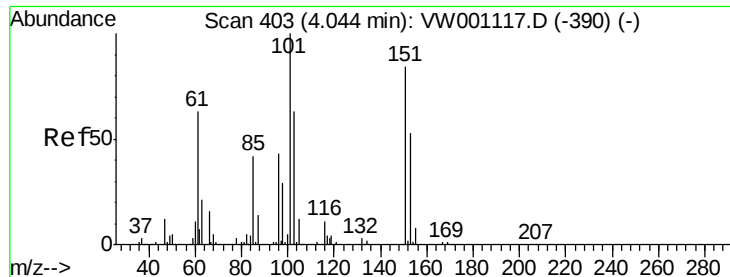


#8

Diethyl Ether
 Concen: 95.61 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Tgt Ion: 74 Resp: 103370
 Ion Ratio Lower Upper
 74 100
 45 89.6 46.7 140.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 99.02 ug/l

RT: 4.04 min Scan# 402

Delta R.T. -0.01 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

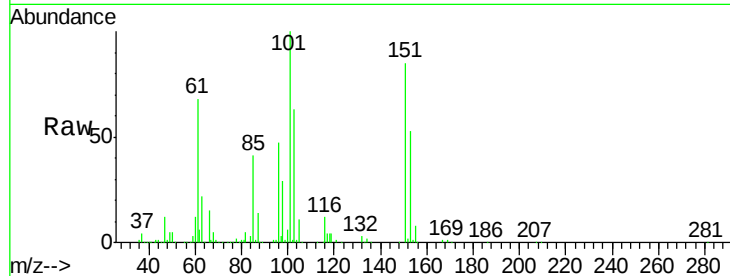
Tgt Ion:101 Resp: 273674

Ion Ratio Lower Upper

101 100

85 42.5 34.9 52.3

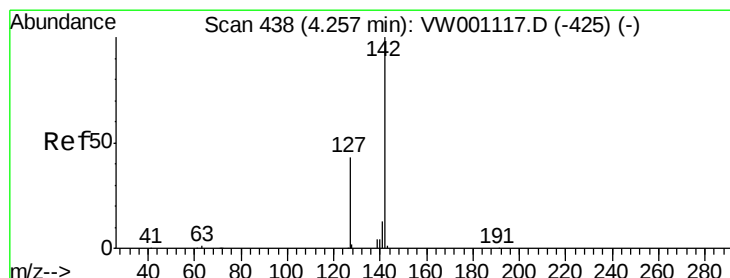
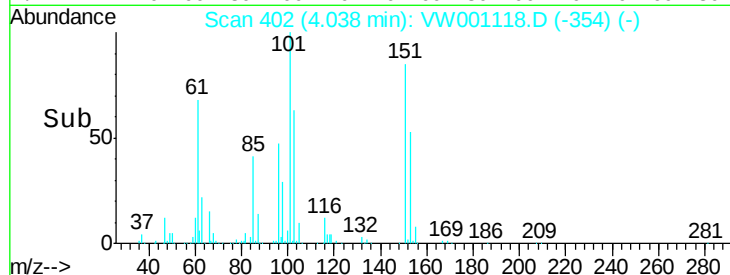
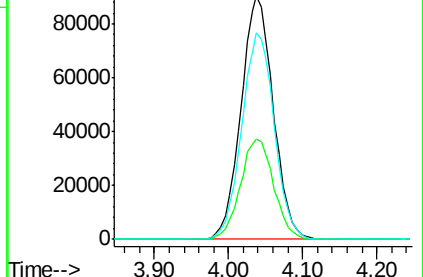
151 85.8 68.6 103.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 109.55 ug/l

RT: 4.25 min Scan# 437

Delta R.T. -0.01 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

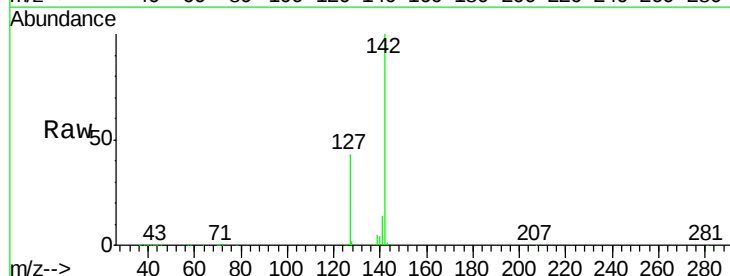
Tgt Ion:142 Resp: 319702

Ion Ratio Lower Upper

142 100

127 44.0 35.4 53.2

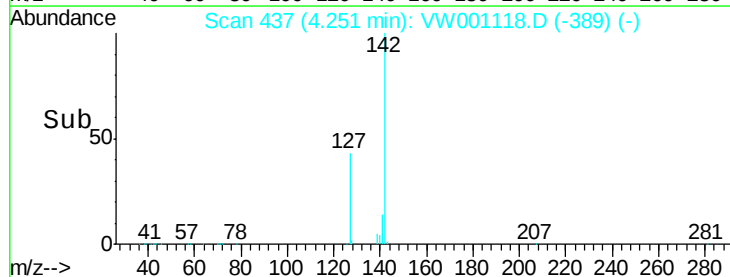
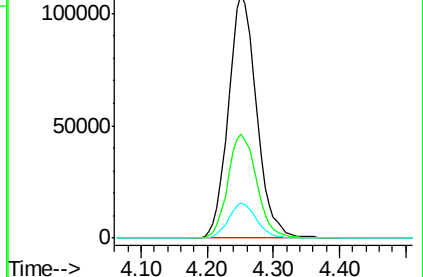
141 14.4 11.6 17.4

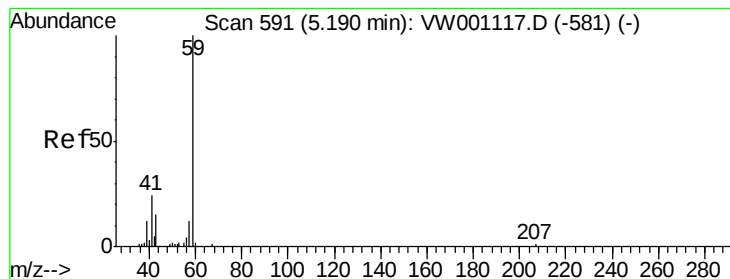


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



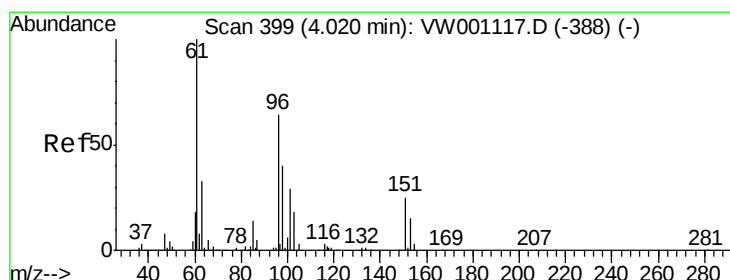
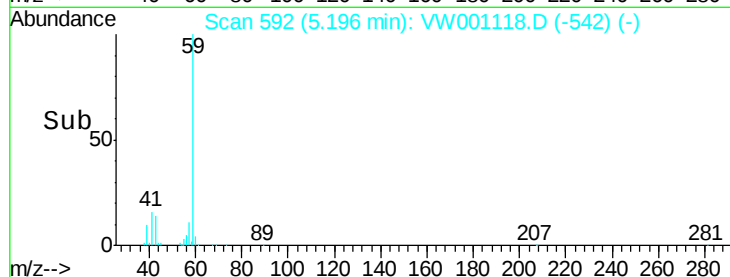
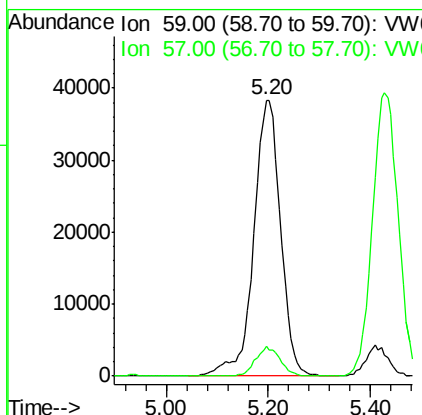
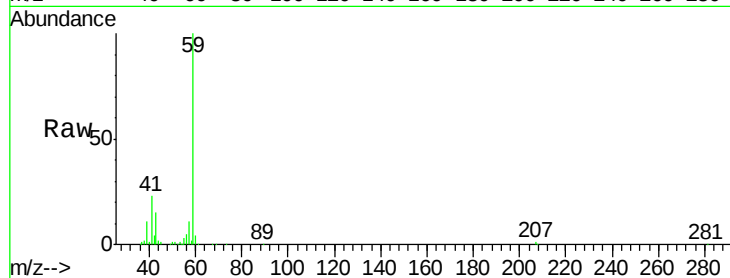


#11

Tert butyl alcohol
 Concen: 589.71 ug/l
 RT: 5.20 min Scan# 592
 Delta R.T. 0.01 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

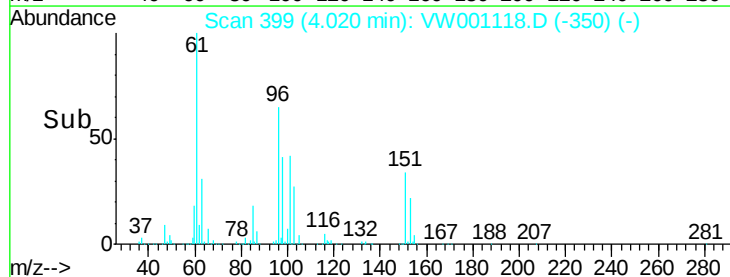
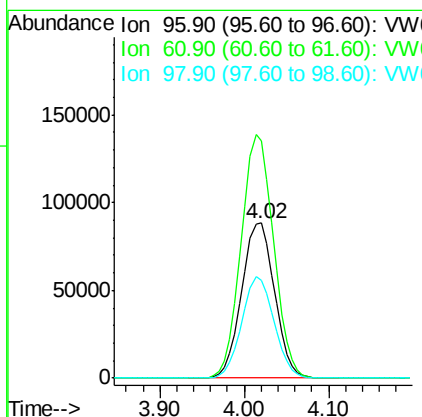
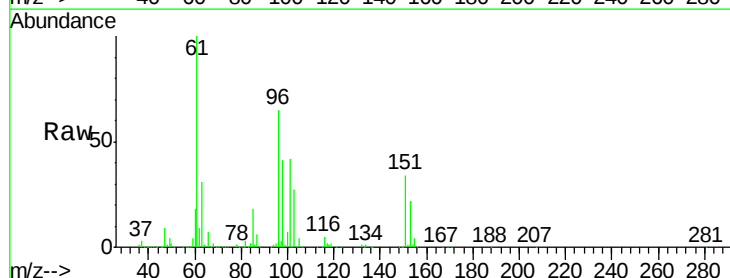
Tgt Ion: 59 Resp: 140292
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.8 11.8

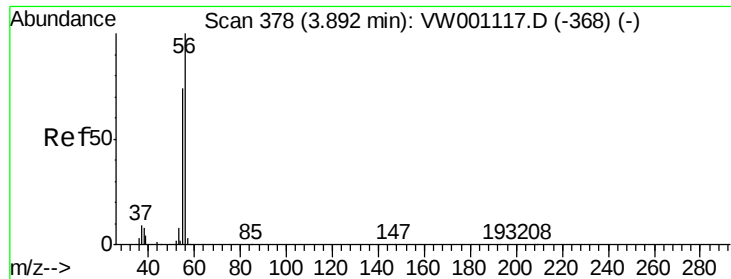


#12

1,1-Dichloroethene
 Concen: 97.17 ug/l
 RT: 4.02 min Scan# 399
 Delta R.T. -0.00 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Tgt Ion: 96 Resp: 234612
 Ion Ratio Lower Upper
 96 100
 61 153.2 125.2 187.8
 98 63.0 50.3 75.5





#13

Acrolein

Concen: 534.53 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.01 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

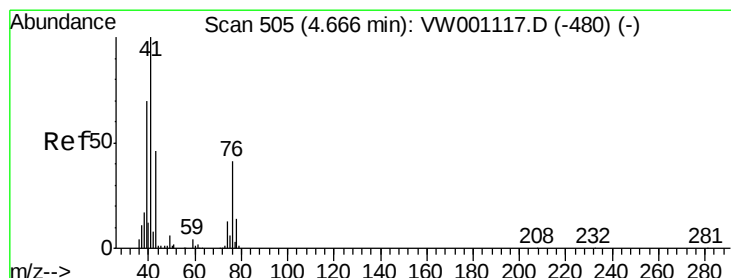
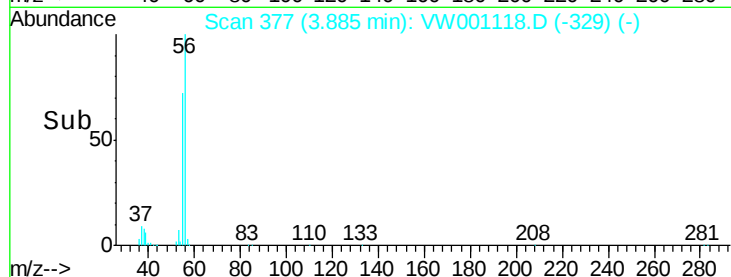
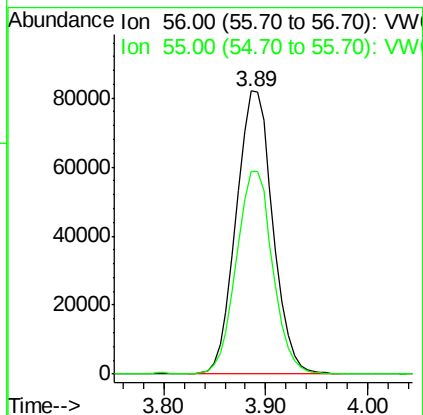
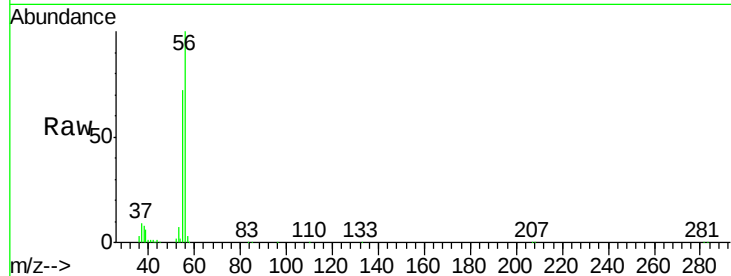
VSTDIC100

Tgt Ion: 56 Resp: 203438

Ion Ratio Lower Upper

56 100

55 70.9 58.2 87.4



#14

Allyl chloride

Concen: 100.11 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.01 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

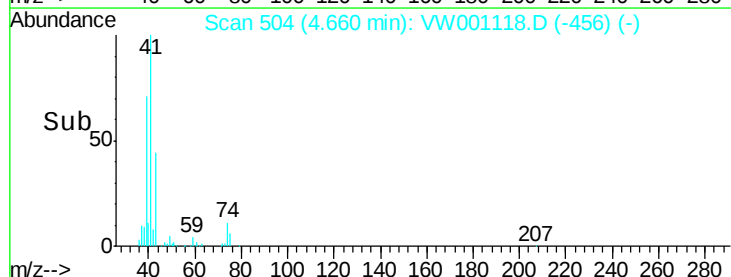
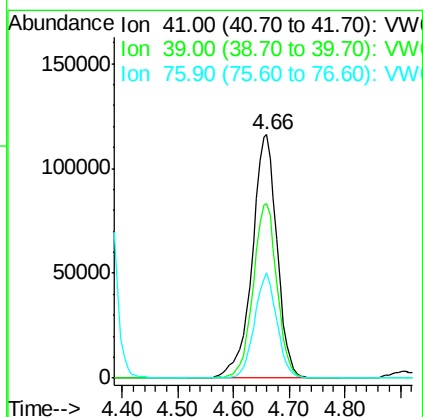
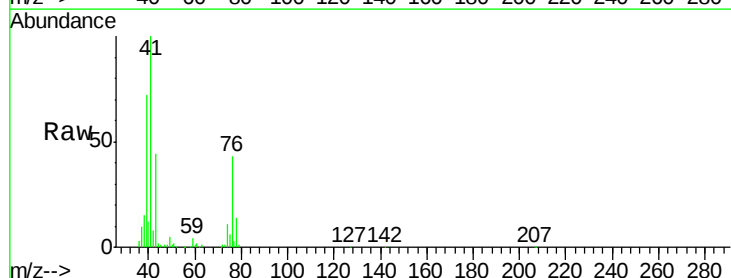
Tgt Ion: 41 Resp: 361133

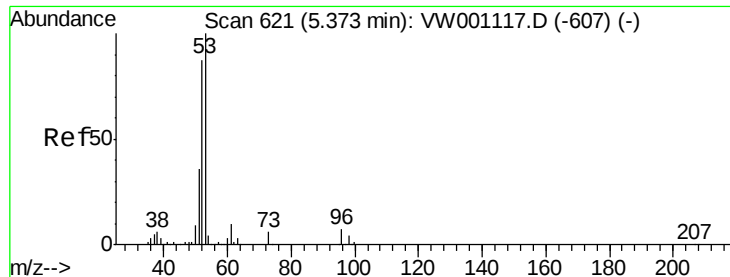
Ion Ratio Lower Upper

41 100

39 69.1 55.9 83.9

76 38.8 31.0 46.6





#15

Acrylonitrile

Concen: 528.43 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

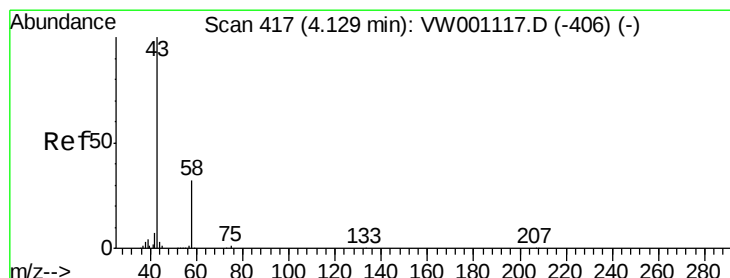
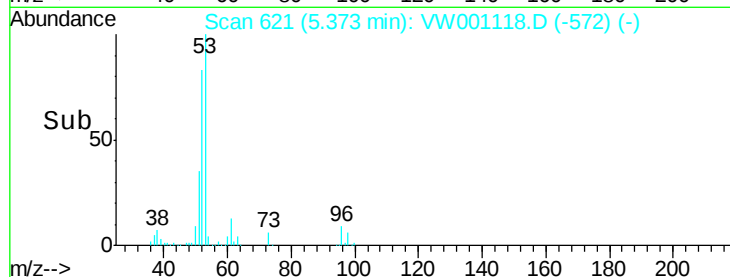
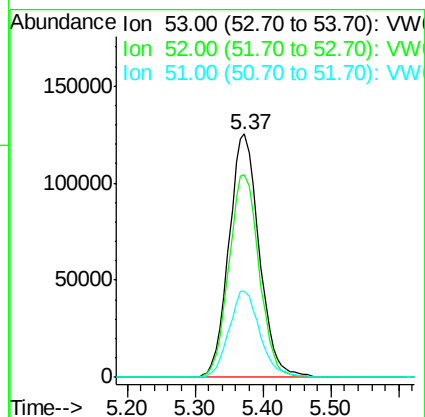
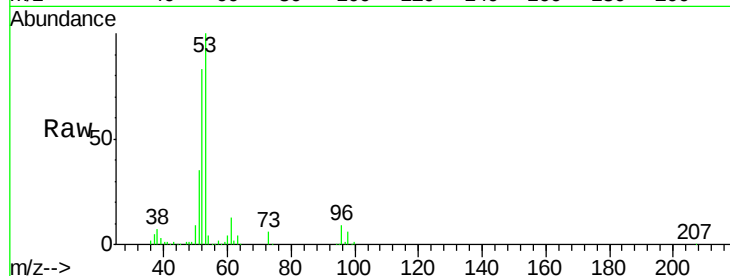
Tgt Ion: 53 Resp: 387858

Ion Ratio Lower Upper

53 100

52 83.3 66.9 100.3

51 36.5 29.5 44.3



#16

Acetone

Concen: 541.92 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.00 min

Lab File: VW001118.D

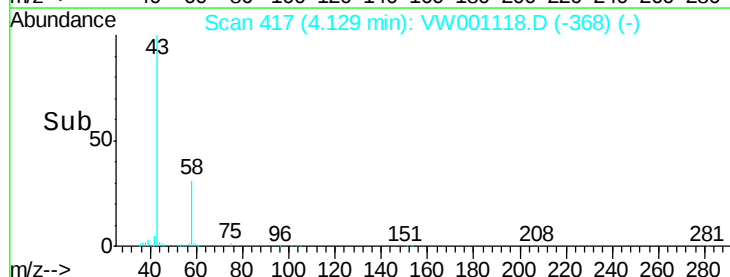
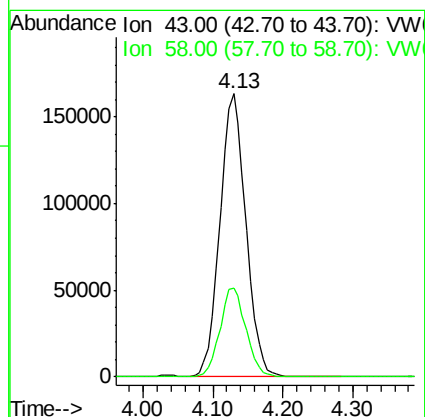
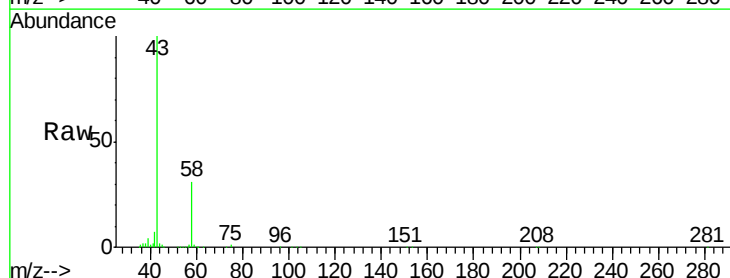
Acq: 29 Jan 2018 13:43

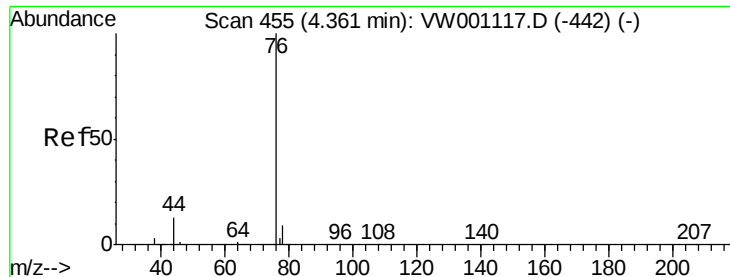
Tgt Ion: 43 Resp: 420256

Ion Ratio Lower Upper

43 100

58 31.3 25.7 38.5

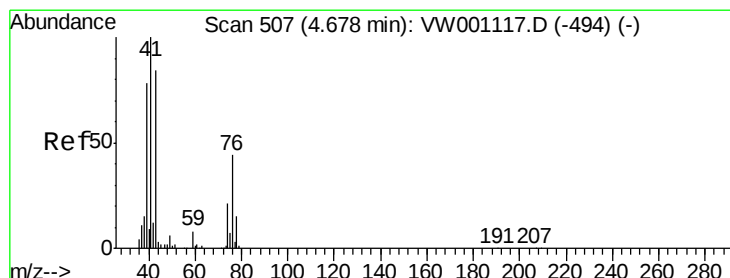
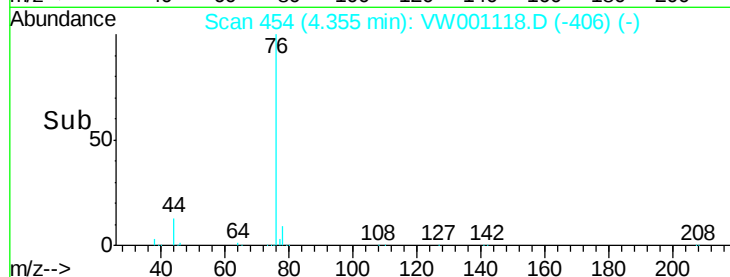
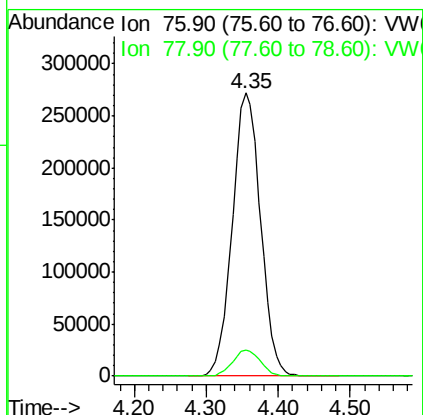
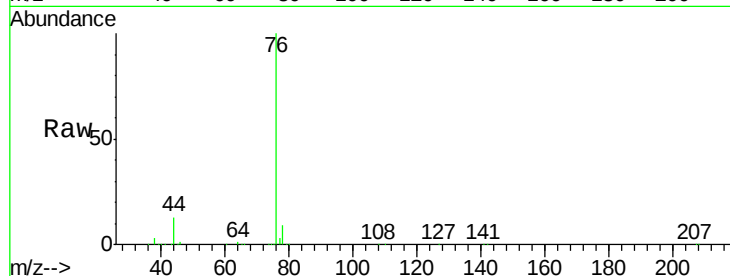




#17
Carbon Disulfide
Concen: 98.54 ug/l
RT: 4.35 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

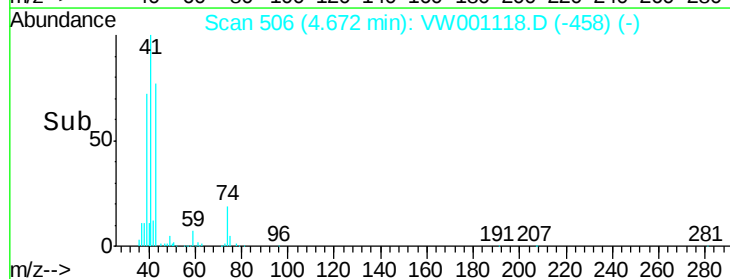
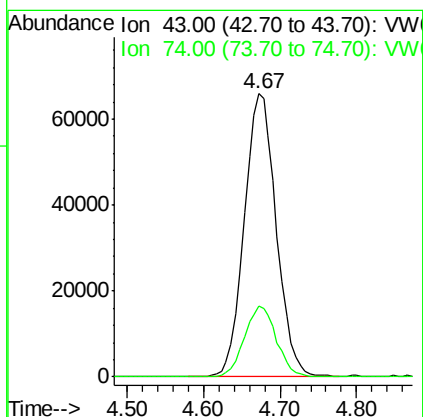
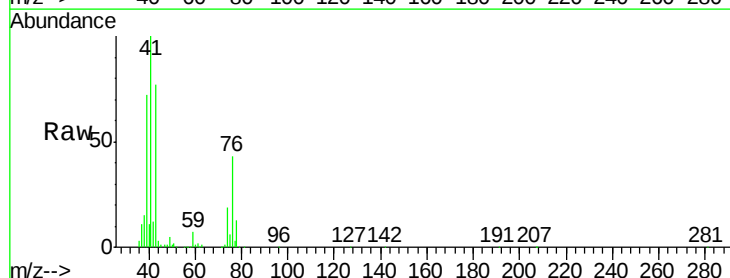
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

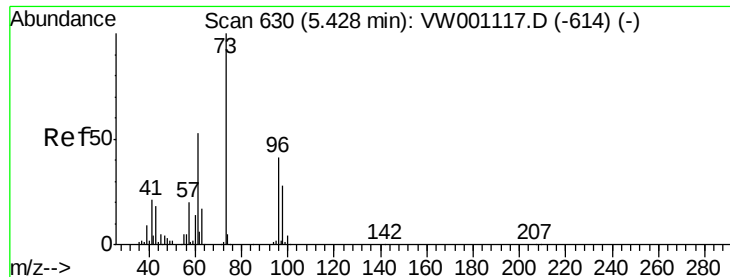
Tgt Ion: 76 Resp: 738963
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 105.93 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.01 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion: 43 Resp: 191482
Ion Ratio Lower Upper
43 100
74 25.1 20.2 30.2

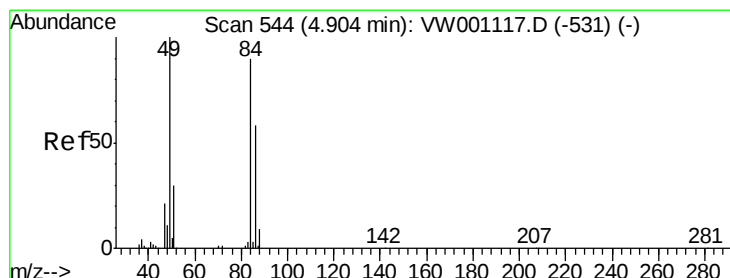
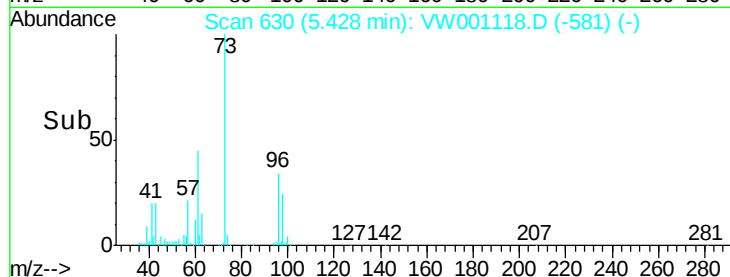
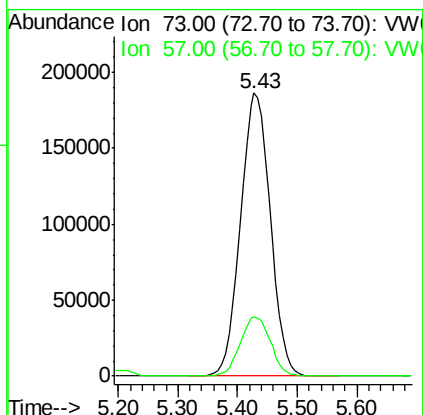
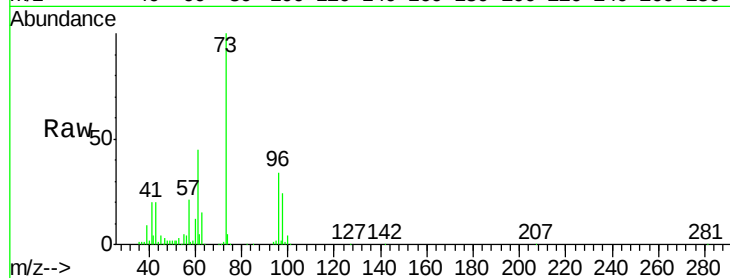




#19
Methyl tert-butyl Ether
Concen: 103.63 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

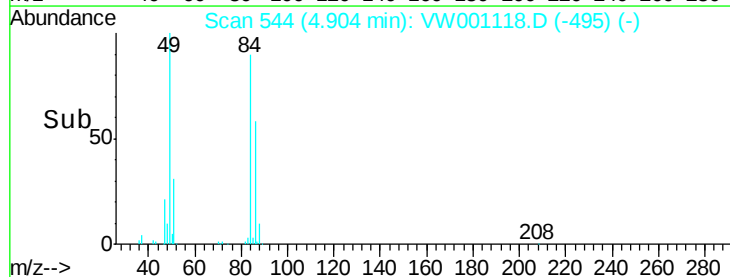
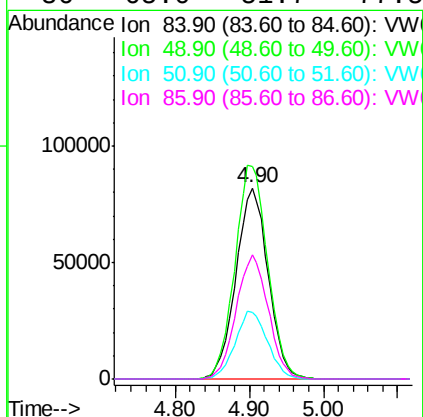
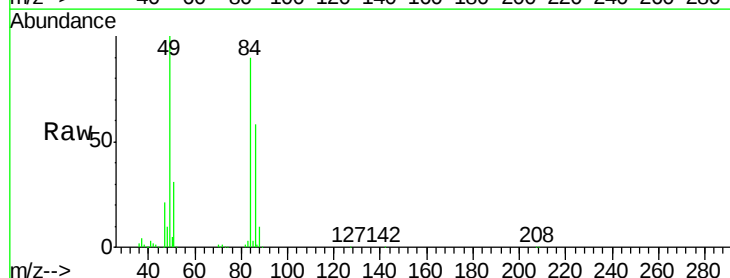
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

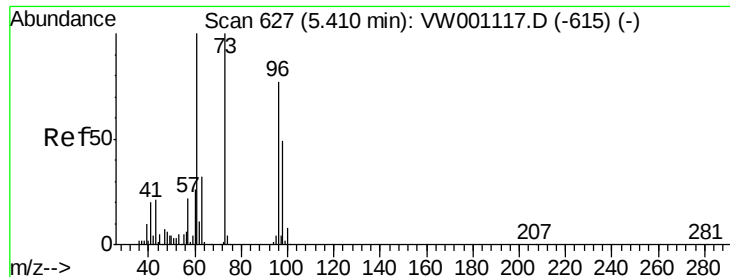
Tgt Ion: 73 Resp: 647559
Ion Ratio Lower Upper
73 100
57 21.1 16.1 24.1



#20
Methylene Chloride
Concen: 99.50 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion: 84 Resp: 248923
Ion Ratio Lower Upper
84 100
49 111.5 89.2 133.8
51 34.6 26.7 40.1
86 65.0 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 97.14 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

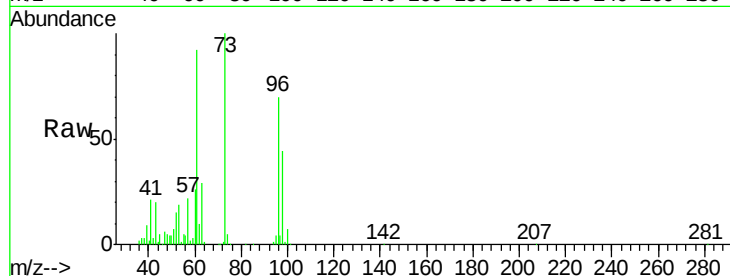
Tgt Ion: 96 Resp: 261937

Ion Ratio Lower Upper

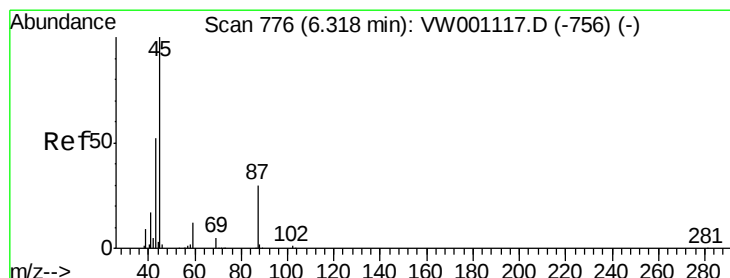
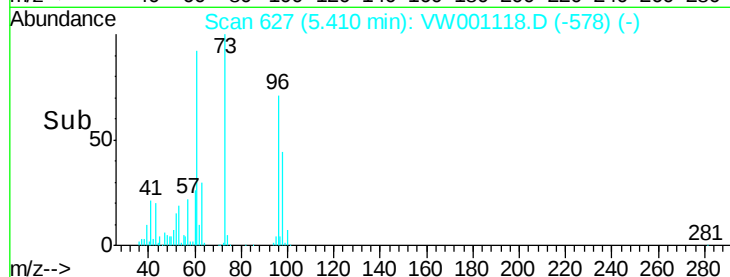
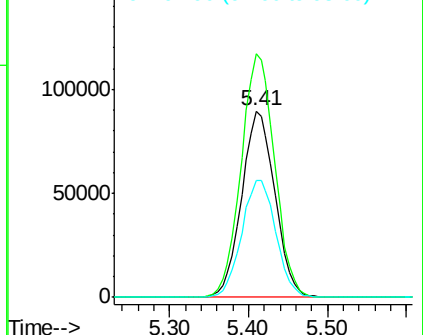
96 100

61 130.6 104.6 156.8

98 62.5 50.8 76.2



Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 99.63 ug/l

RT: 6.32 min Scan# 776

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Tgt Ion: 45 Resp: 688537

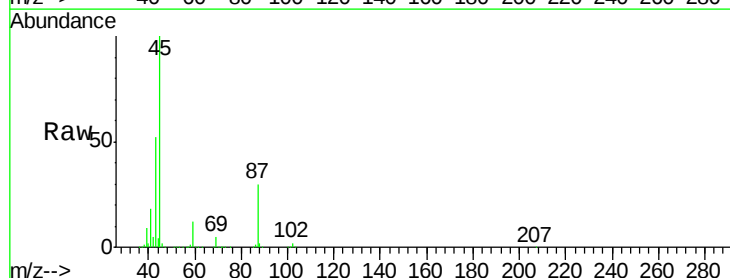
Ion Ratio Lower Upper

45 100

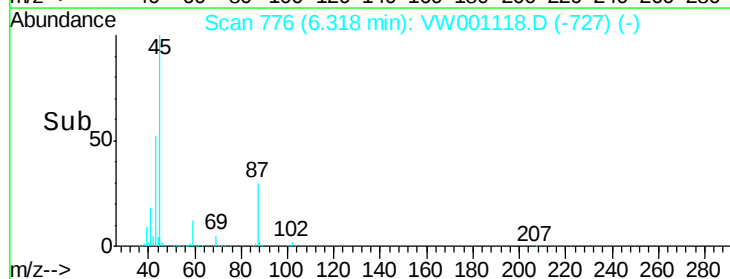
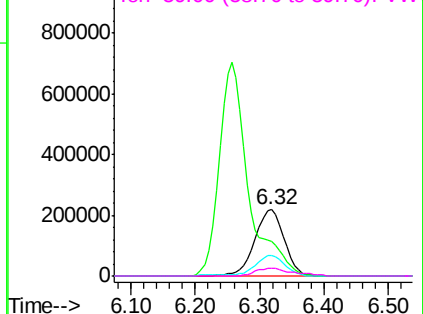
43 51.3 41.6 62.4

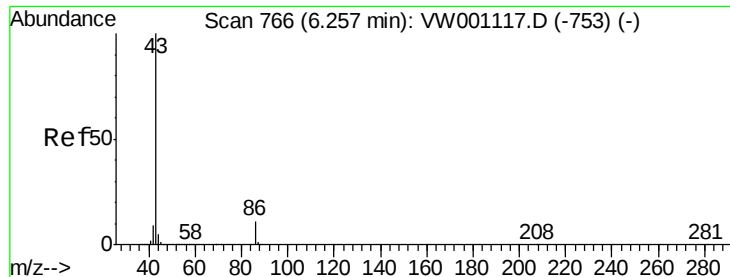
87 30.5 24.5 36.7

59 12.0 9.9 14.9



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 541.29 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

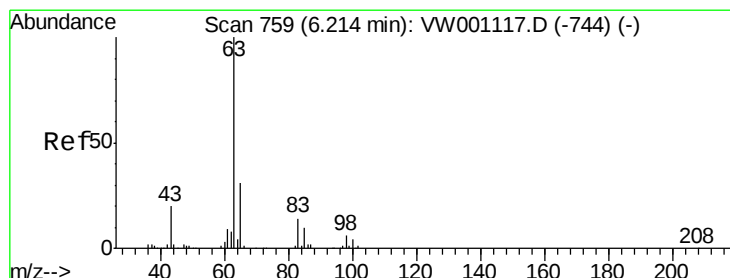
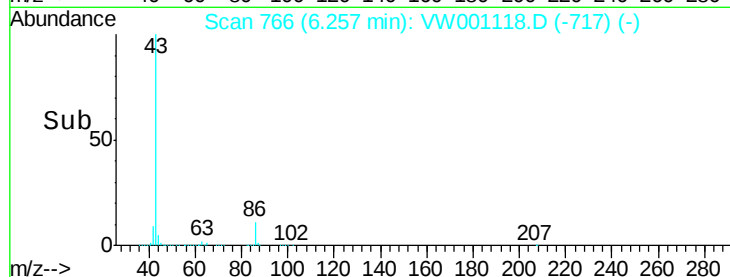
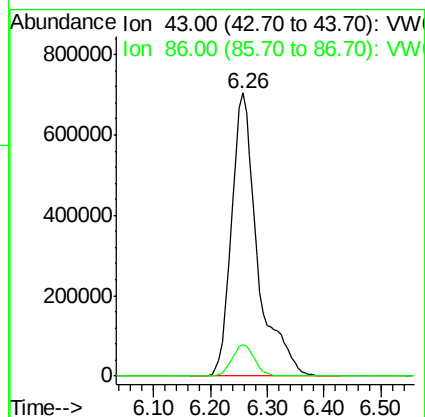
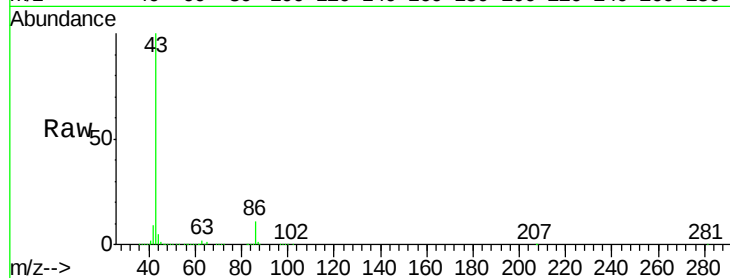
VSTDIC100

Tgt Ion: 43 Resp: 2241256

Ion Ratio Lower Upper

43 100

86 11.3 9.0 13.6



#24

1,1-Dichloroethane

Concen: 96.29 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

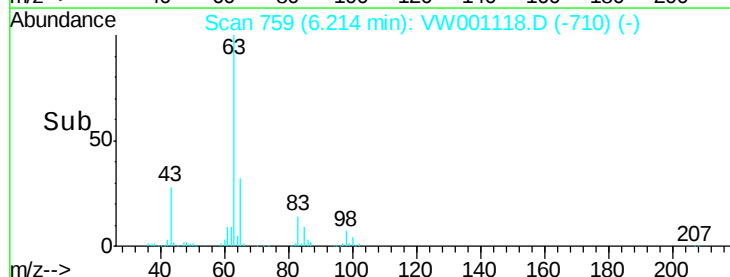
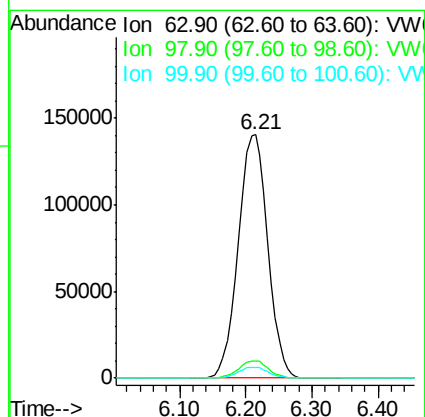
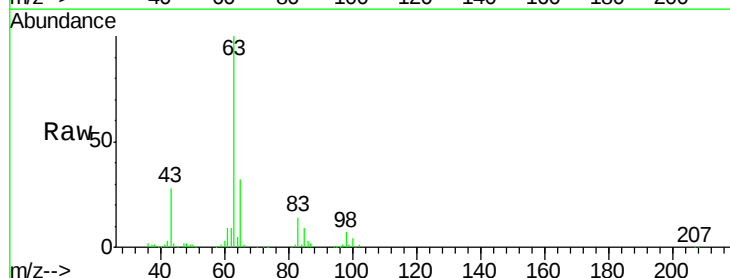
Tgt Ion: 63 Resp: 434243

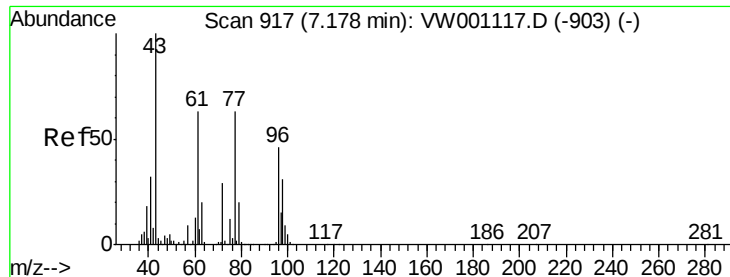
Ion Ratio Lower Upper

63 100

98 7.0 3.0 9.2

100 4.4 2.1 6.3

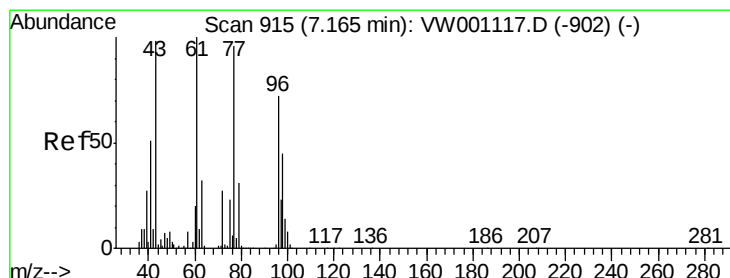
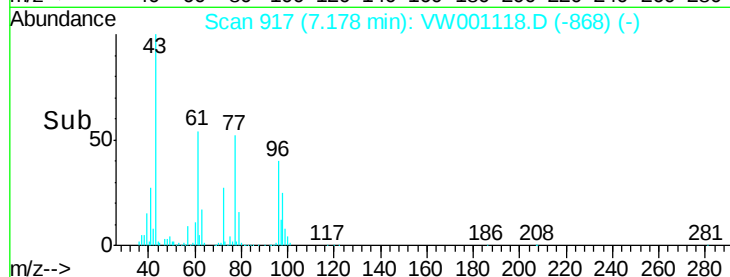
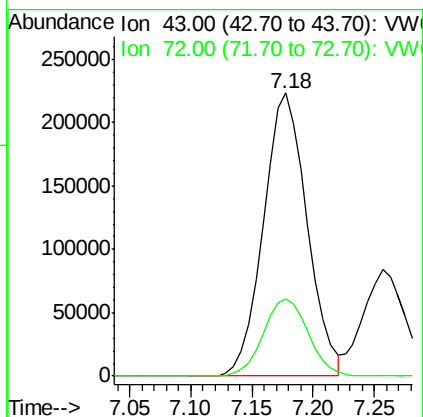
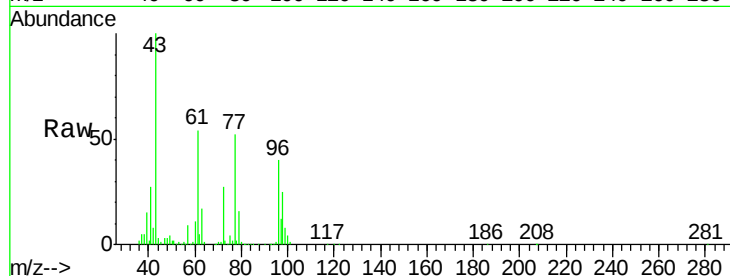




#25
 2-Butanone
 Concen: 545.23 ug/l
 RT: 7.18 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

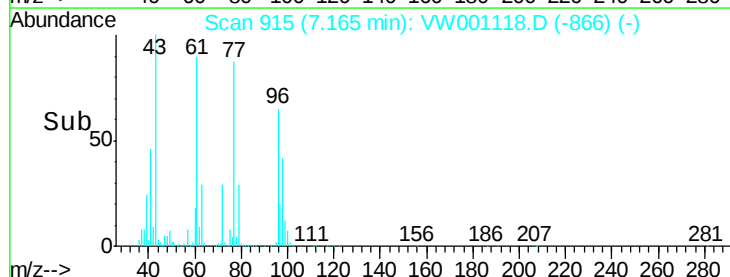
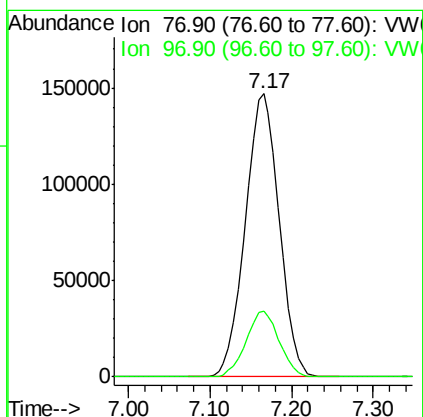
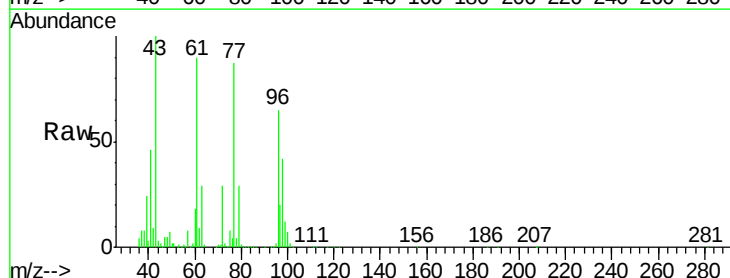
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

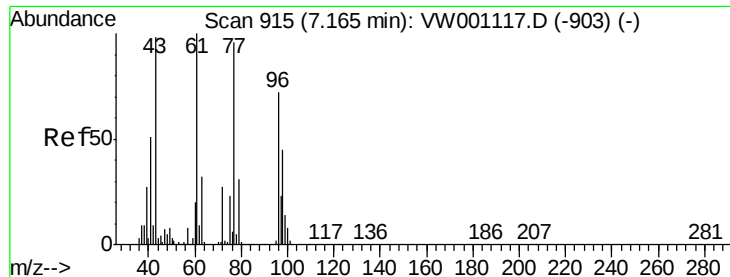
Tgt Ion: 43 Resp: 554992
 Ion Ratio Lower Upper
 43 100
 72 27.5 22.8 34.2



#26
 2,2-Dichloropropane
 Concen: 95.16 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Tgt Ion: 77 Resp: 424500
 Ion Ratio Lower Upper
 77 100
 97 22.9 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 98.47 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

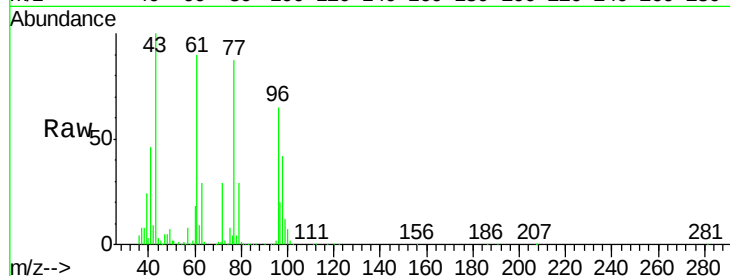
Tgt Ion: 96 Resp: 283236

Ion Ratio Lower Upper

96 100

61 140.7 0.0 280.4

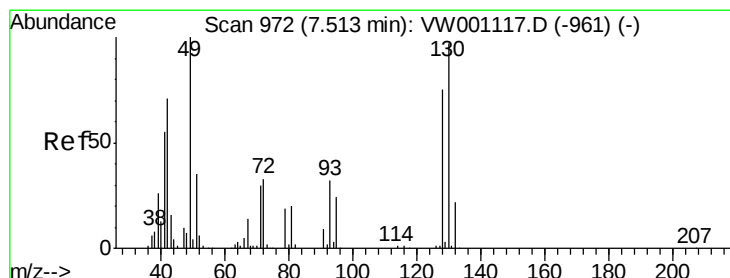
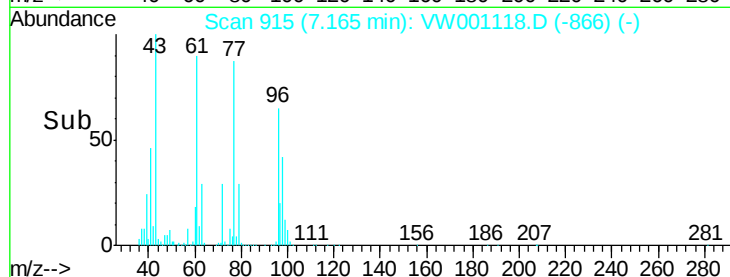
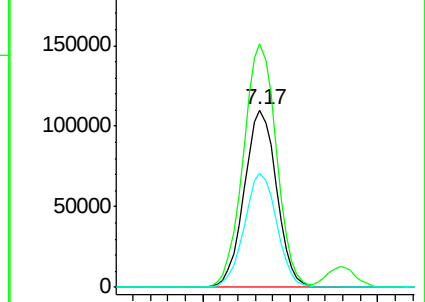
98 64.7 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 99.12 ug/l

RT: 7.51 min Scan# 972

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

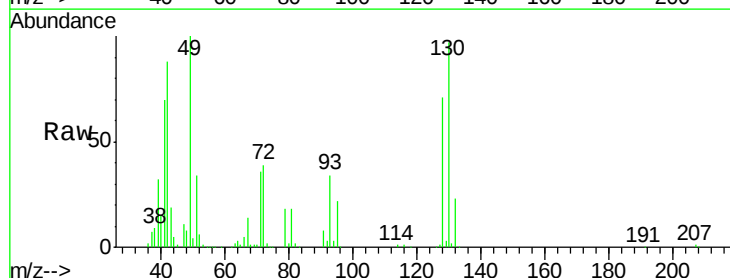
Tgt Ion: 49 Resp: 181687

Ion Ratio Lower Upper

49 100

129 2.3 0.0 2.6

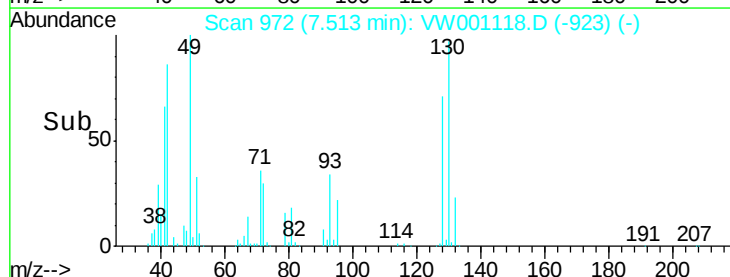
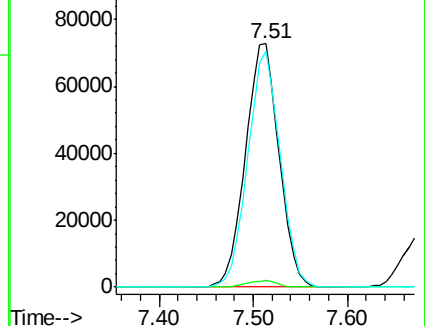
130 93.7 75.5 113.3

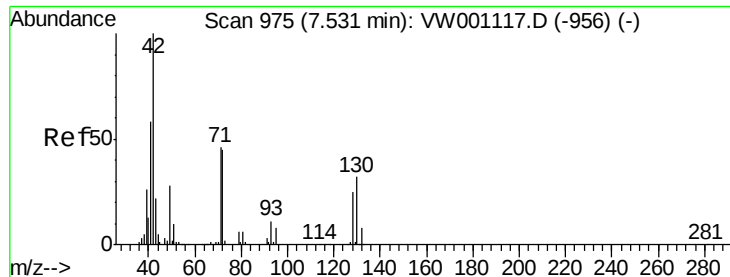


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

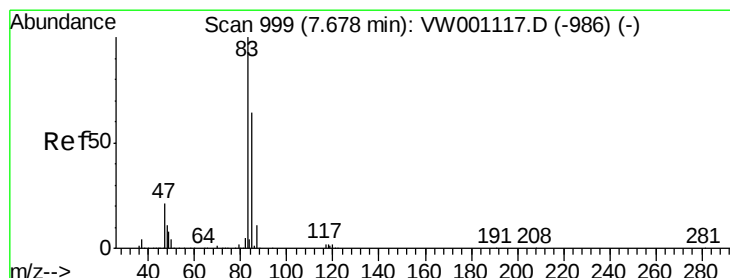
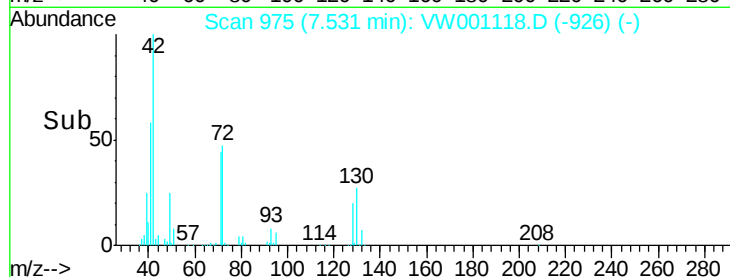
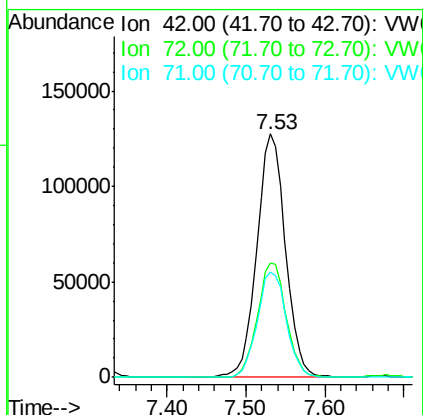
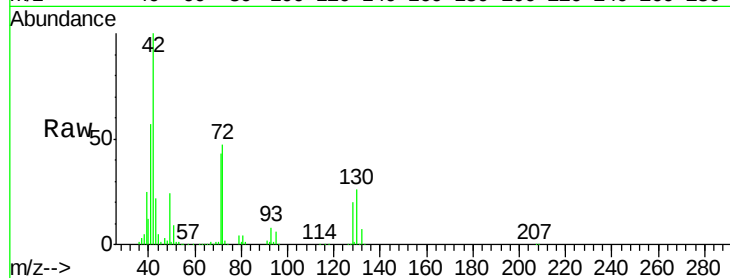




#29
Tetrahydrofuran
Concen: 552.74 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

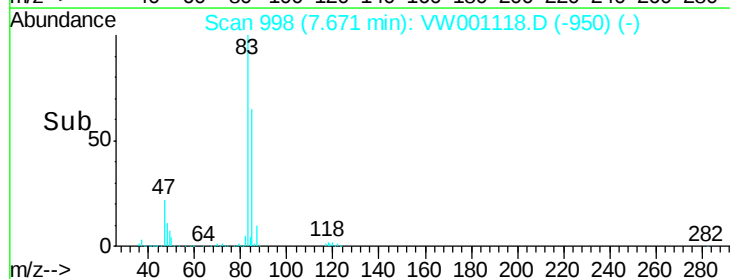
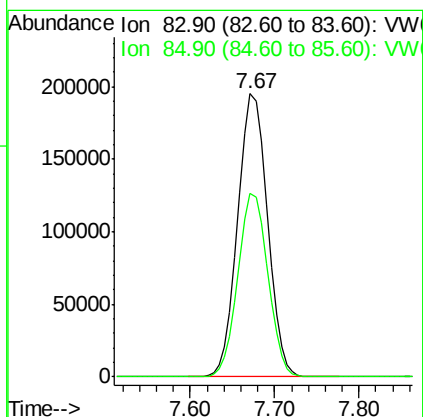
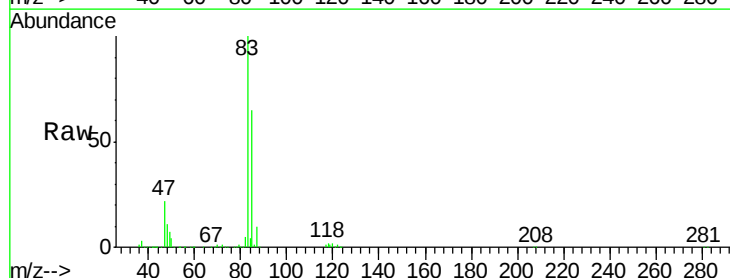
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

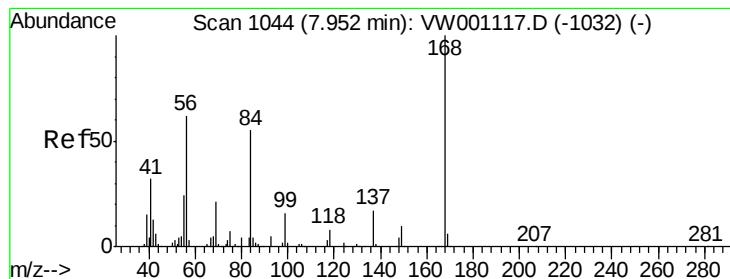
Tgt Ion: 42 Resp: 321311
Ion Ratio Lower Upper
42 100
72 47.2 36.8 55.2
71 43.9 35.1 52.7



#30
Chloroform
Concen: 95.51 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion: 83 Resp: 466738
Ion Ratio Lower Upper
83 100
85 64.8 51.4 77.2





#31

Cyclohexane

Concen: 92.43 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

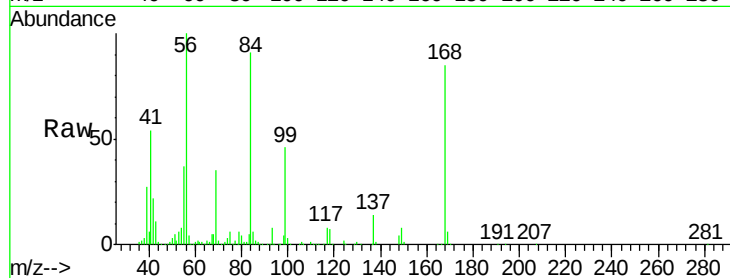
Tgt Ion: 56 Resp: 404526

Ion Ratio Lower Upper

56 100

69 34.6 27.4 41.0

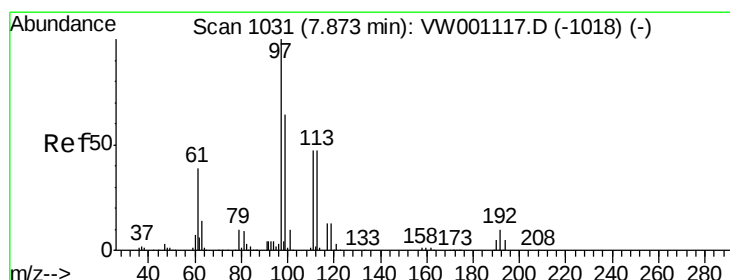
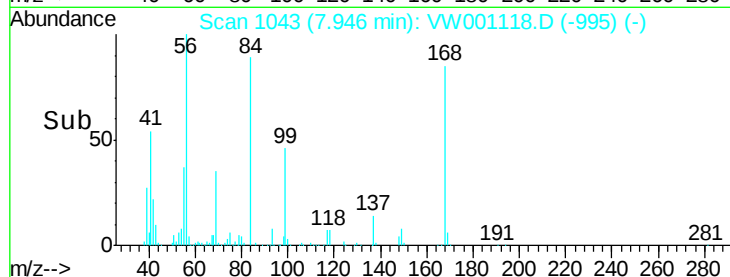
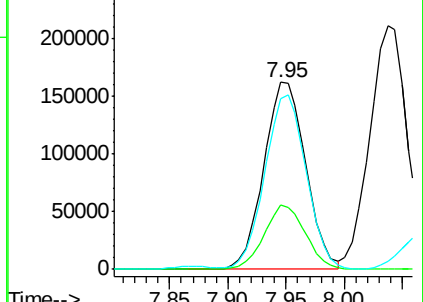
84 89.5 71.1 106.7



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 96.52 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

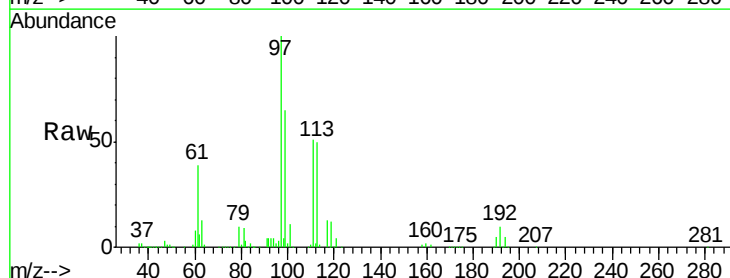
Tgt Ion: 97 Resp: 446271

Ion Ratio Lower Upper

97 100

99 65.0 51.4 77.2

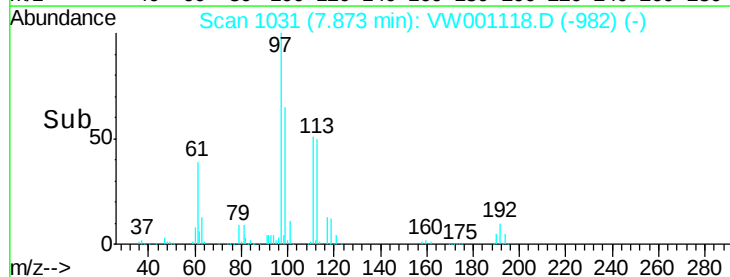
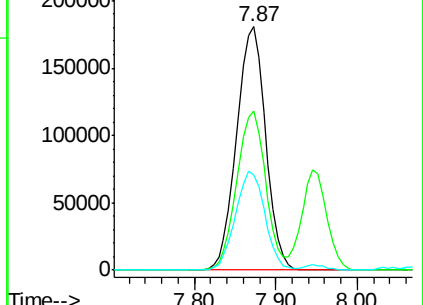
61 41.0 32.4 48.6

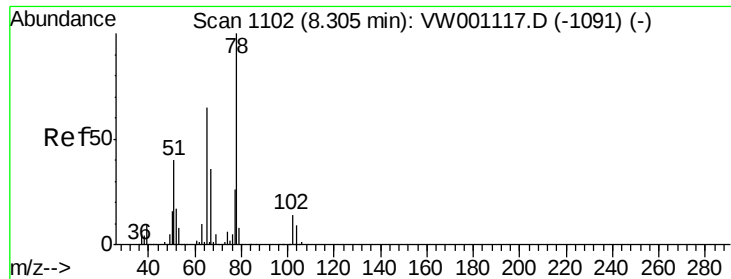


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW

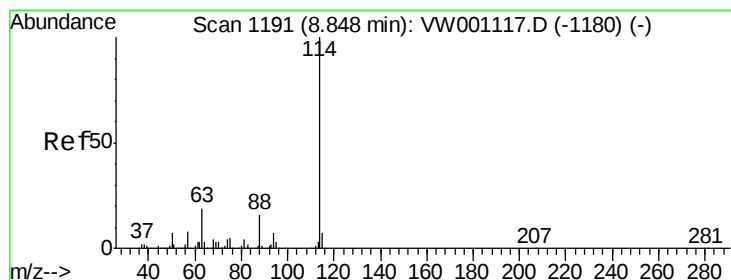
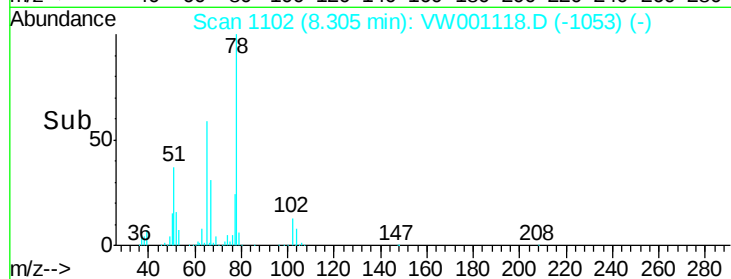
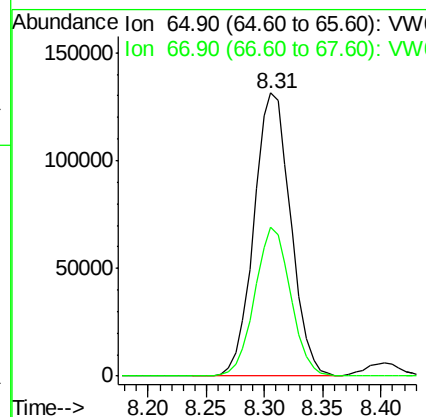
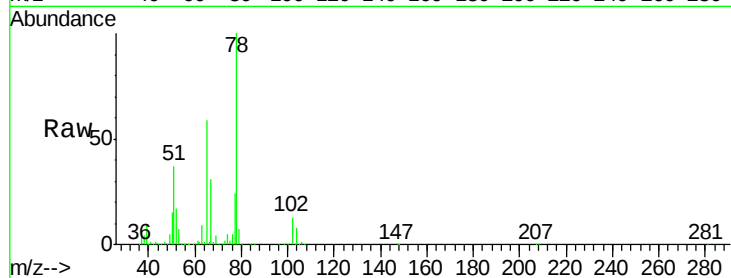




#33
 1,2-Dichloroethane-d4
 Concen: 98.03 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

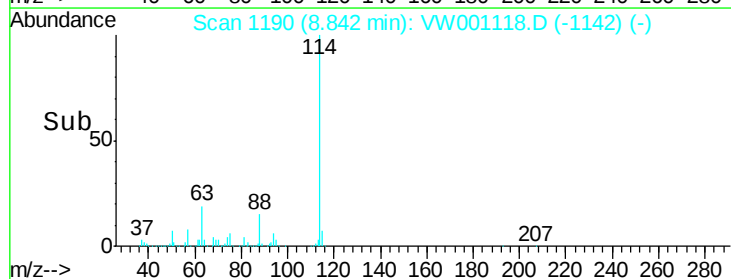
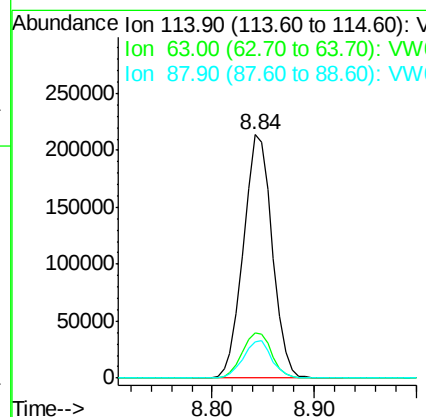
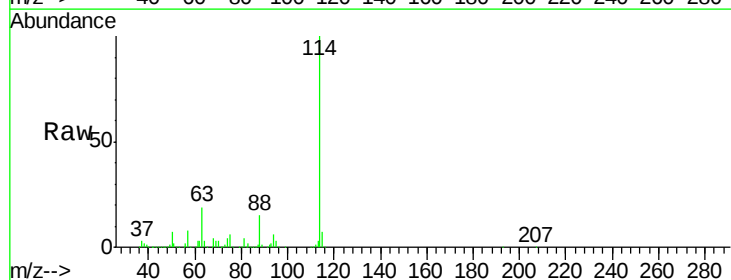
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

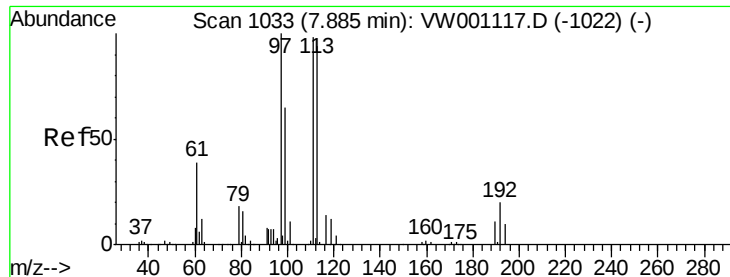
Tgt Ion: 65 Resp: 289129
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Tgt Ion: 114 Resp: 417456
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.2
 88 14.9 0.0 31.0





#35

Dibromofluoromethane

Concen: 101.88 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

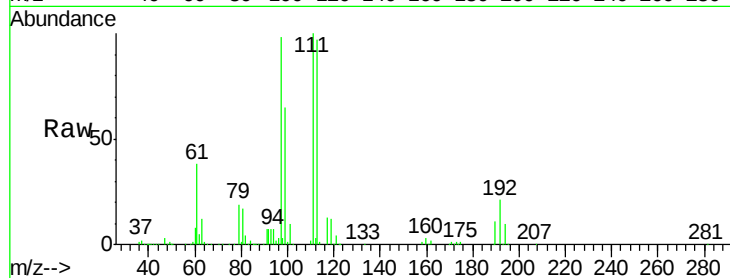
Tgt Ion:113 Resp: 272051

Ion Ratio Lower Upper

113 100

111 102.2 83.1 124.7

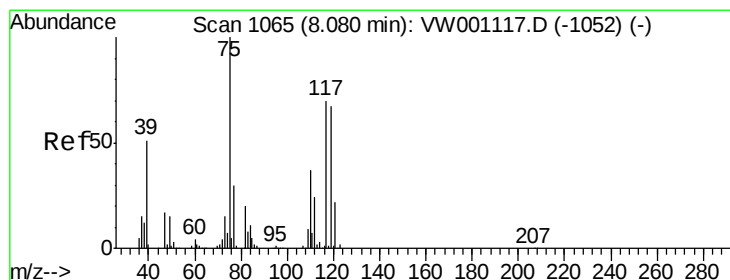
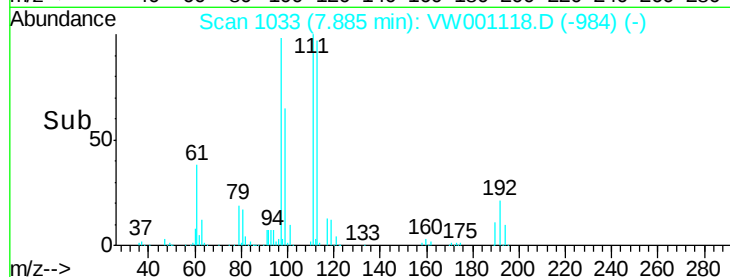
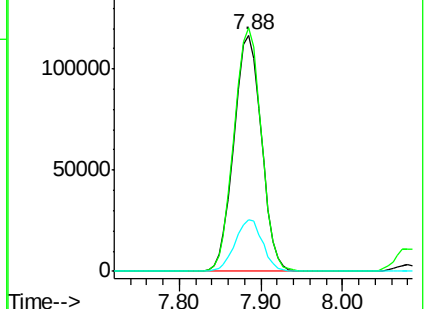
192 21.7 17.8 26.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 98.60 ug/l

RT: 8.08 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

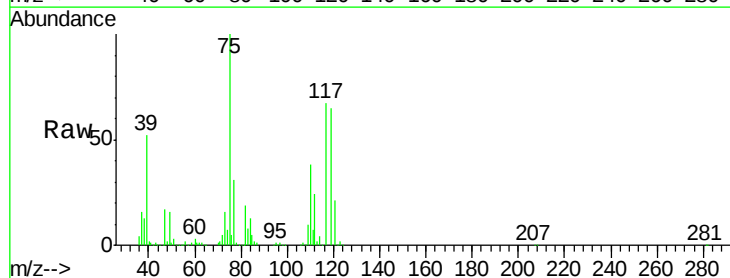
Tgt Ion: 75 Resp: 371602

Ion Ratio Lower Upper

75 100

110 38.0 18.7 56.1

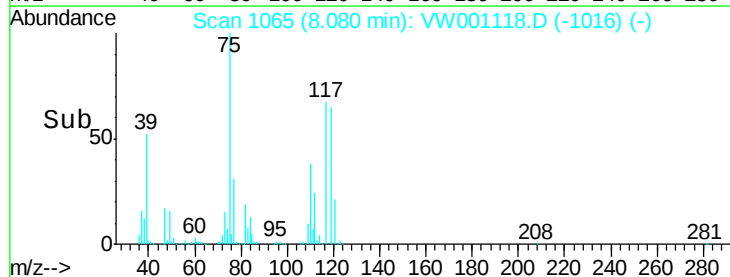
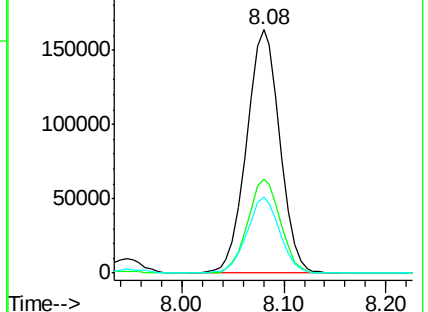
77 31.1 24.6 37.0

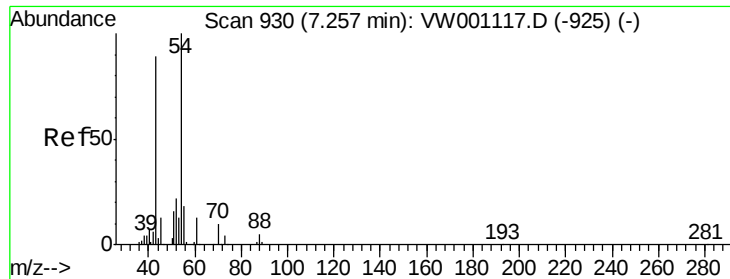


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

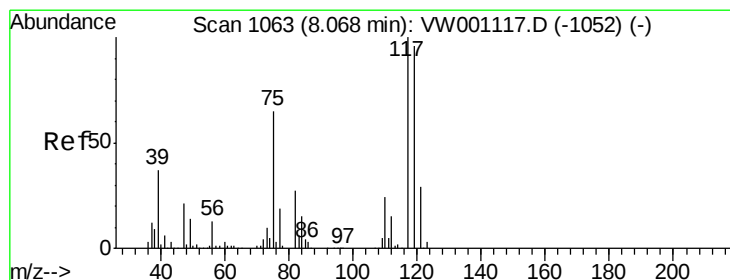
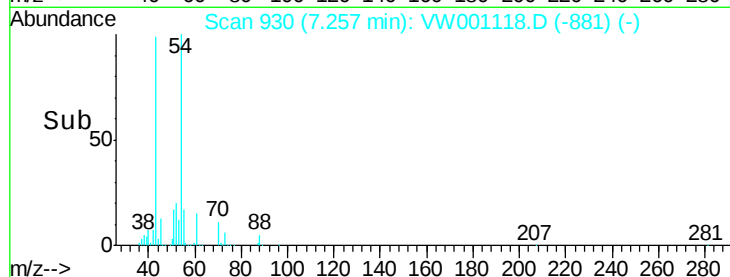
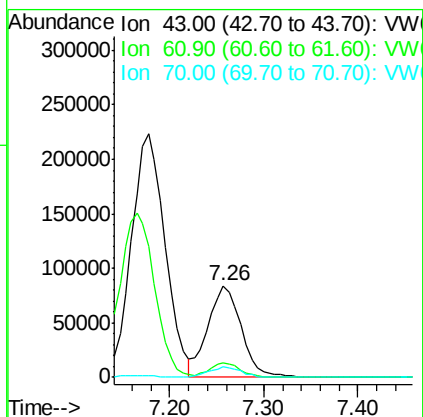
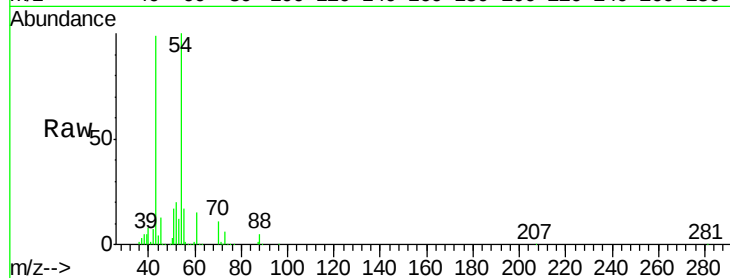




#37
Ethyl Acetate
Concen: 103.61 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

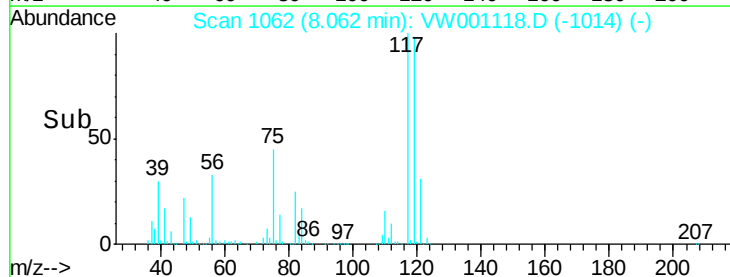
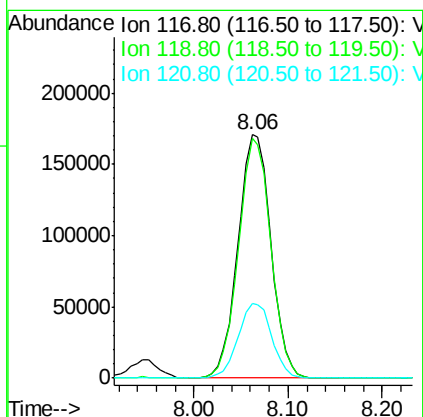
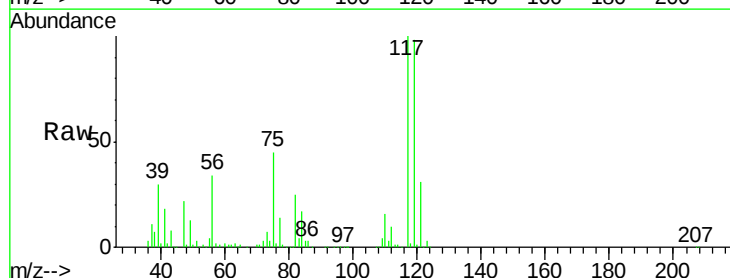
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

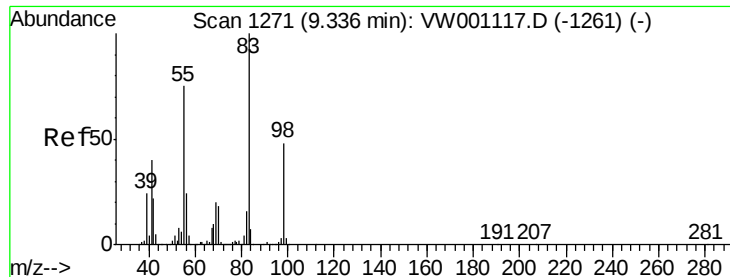
Tgt Ion: 43 Resp: 206453
Ion Ratio Lower Upper
43 100
61 14.3 11.9 17.9
70 11.2 9.4 14.0



#38
Carbon Tetrachloride
Concen: 99.29 ug/l
RT: 8.06 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion: 117 Resp: 417912
Ion Ratio Lower Upper
117 100
119 98.5 77.0 115.4
121 30.5 23.5 35.3

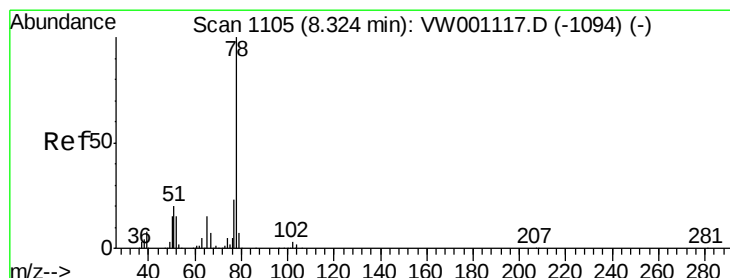
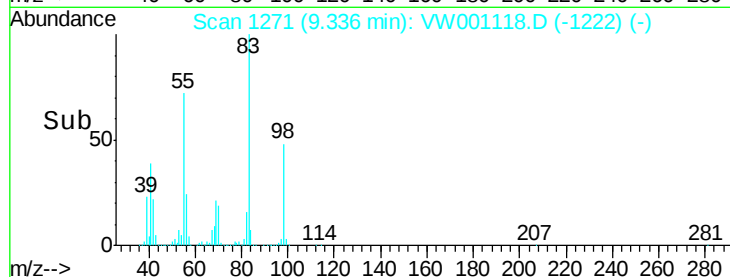
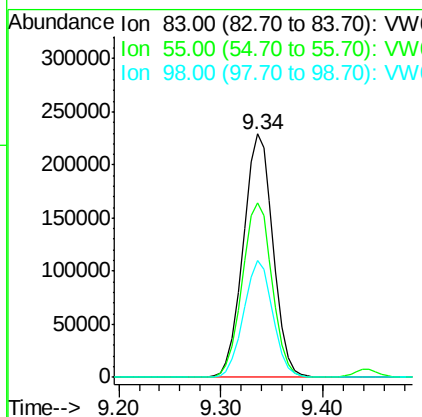
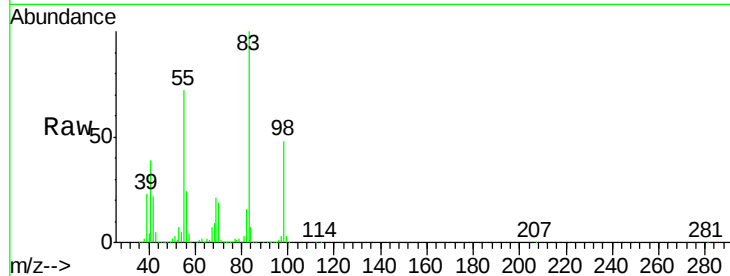




#39
Methylcyclohexane
Concen: 104.25 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

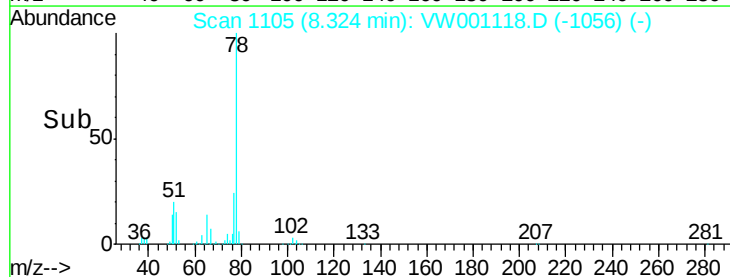
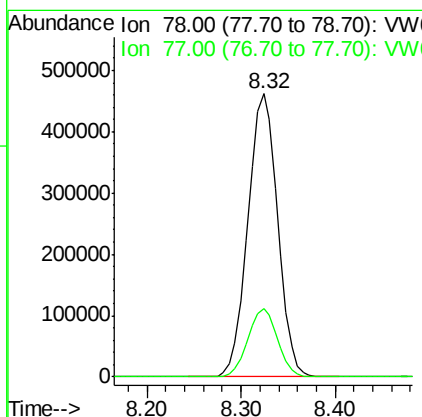
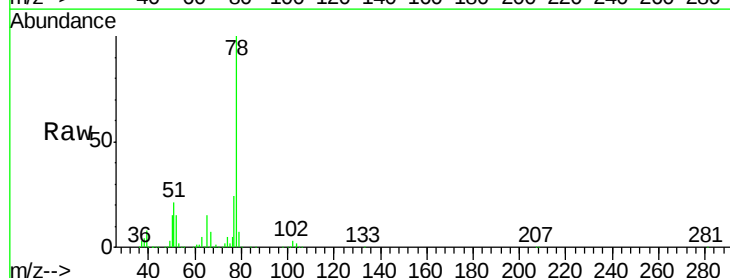
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

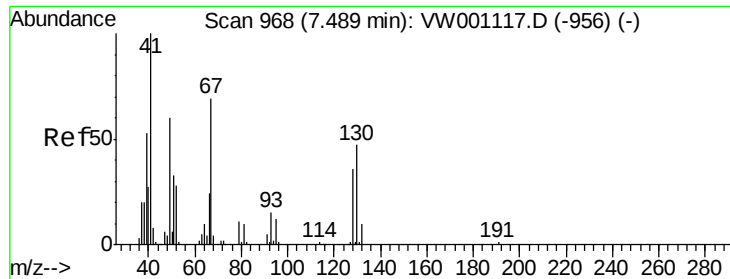
Tgt Ion: 83 Resp: 463917
Ion Ratio Lower Upper
83 100
55 71.7 59.7 89.5
98 48.1 38.0 57.0



#40
Benzene
Concen: 97.32 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion: 78 Resp: 1015583
Ion Ratio Lower Upper
78 100
77 24.3 18.6 28.0

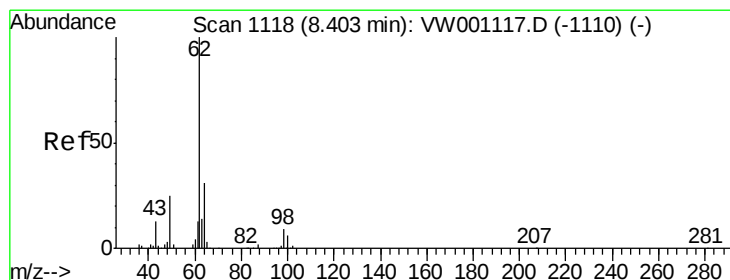
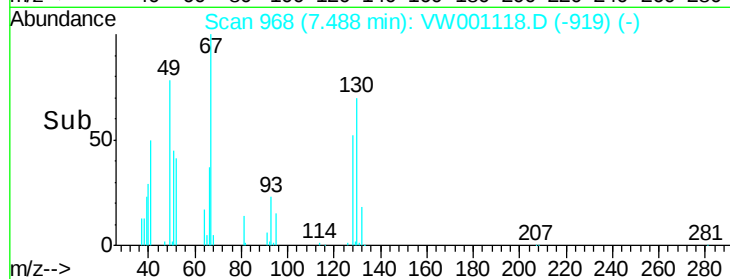
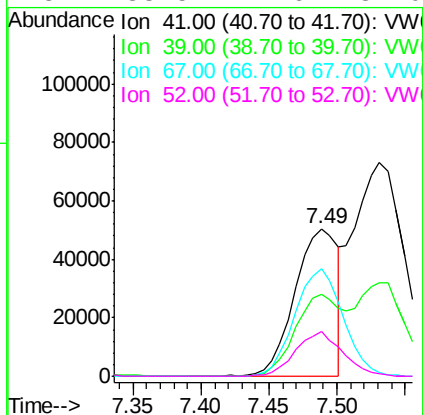
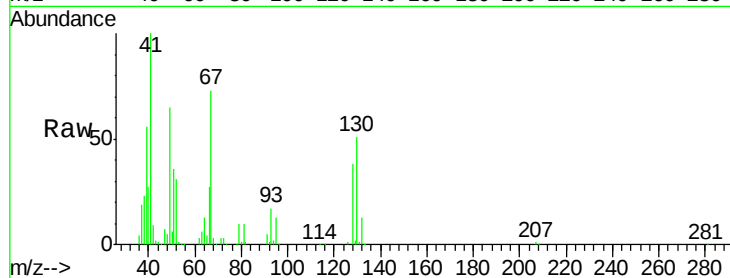




#41
Methacrylonitrile
Concen: 99.96 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

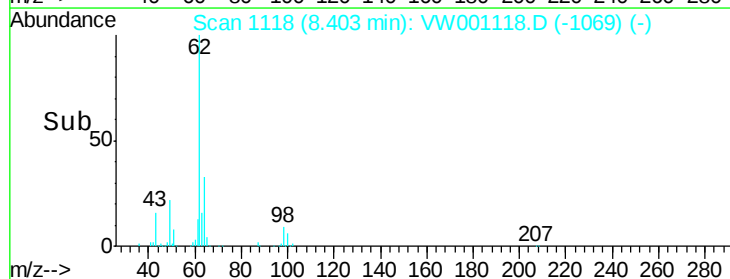
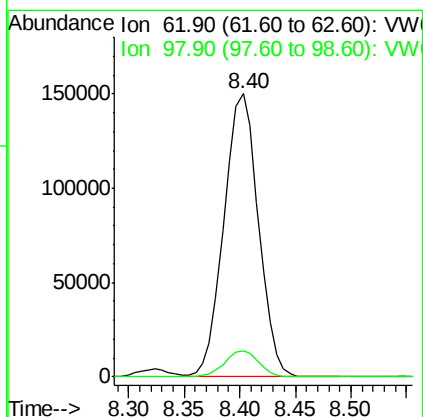
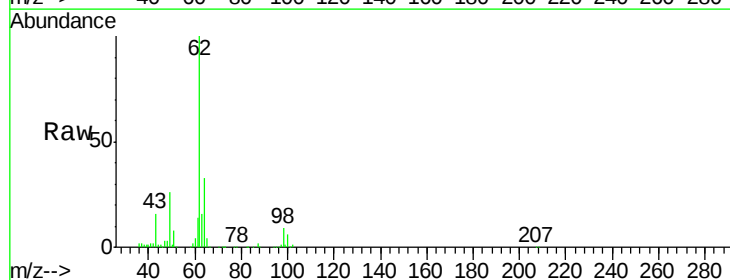
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

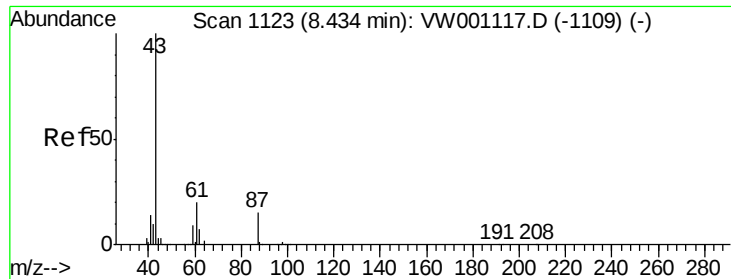
Tgt Ion:	41	Resp:	110486
Ion	Ratio	Lower	Upper
41	100		
39	61.9	48.8	73.2
67	82.3	59.6	89.4
52	33.5	24.6	37.0



#42
1,2-Dichloroethane
Concen: 98.40 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion:	62	Resp:	322871
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.8

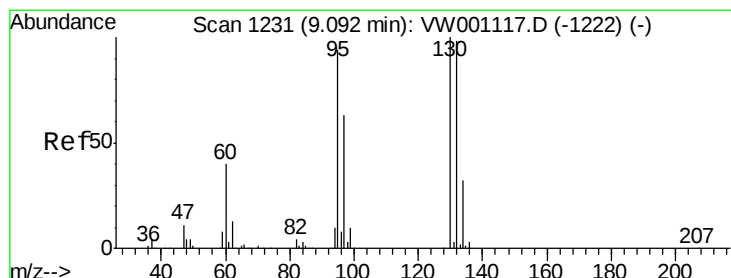
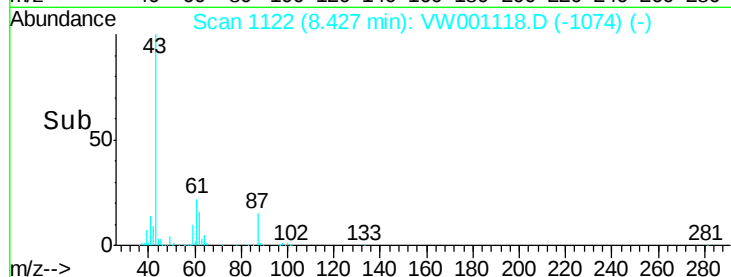
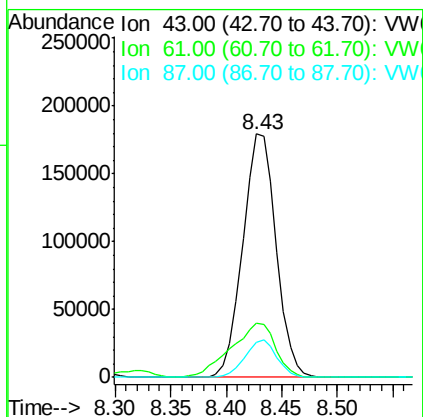
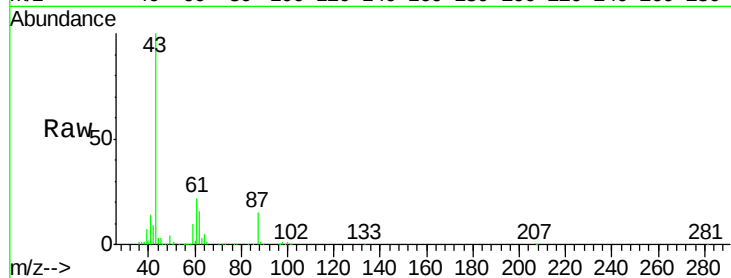




#43
Isopropyl Acetate
Concen: 108.81 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

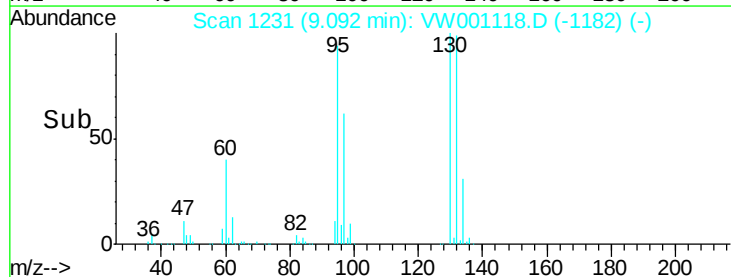
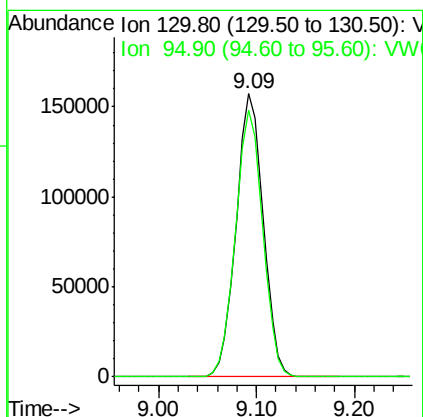
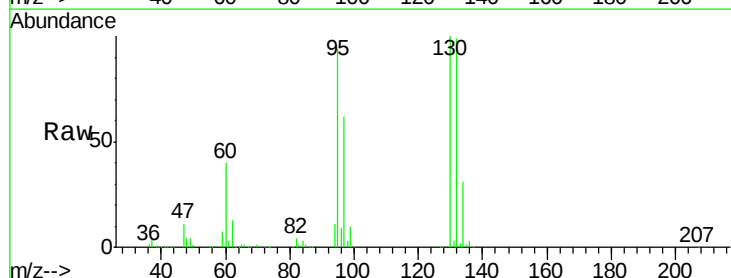
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

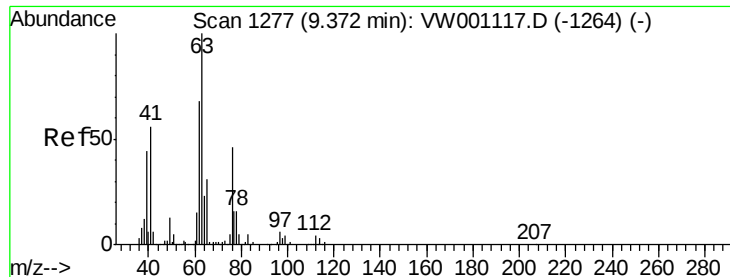
Tgt Ion: 43 Resp: 372966
Ion Ratio Lower Upper
43 100
61 29.7 23.9 35.9
87 14.7 12.0 18.0



#44
Trichloroethene
Concen: 96.83 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion: 130 Resp: 303370
Ion Ratio Lower Upper
130 100
95 94.2 0.0 189.0





#45

1,2-Dichloropropane

Concen: 98.83 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

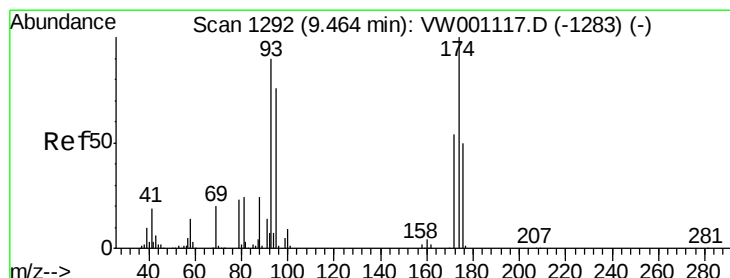
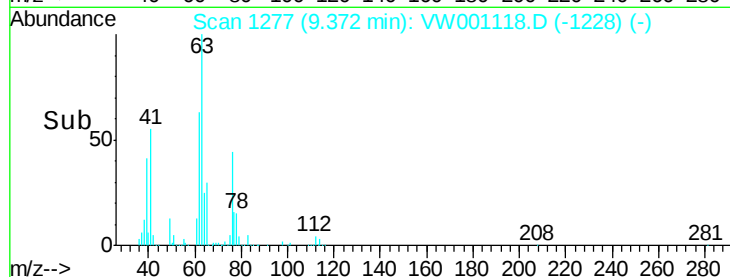
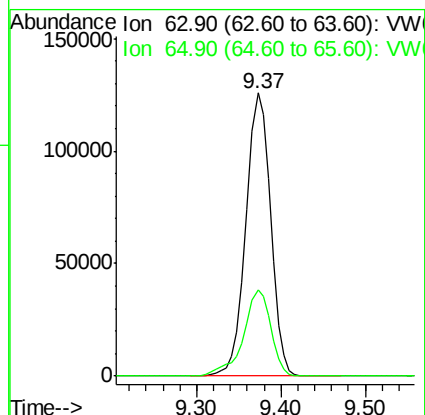
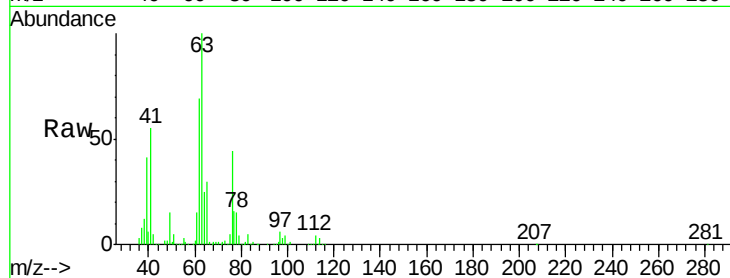
VSTDIC100

Tgt Ion: 63 Resp: 248334

Ion Ratio Lower Upper

63 100

65 30.3 25.0 37.4



#46

Dibromomethane

Concen: 100.52 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

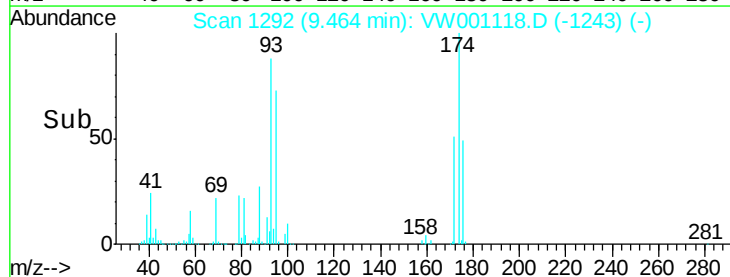
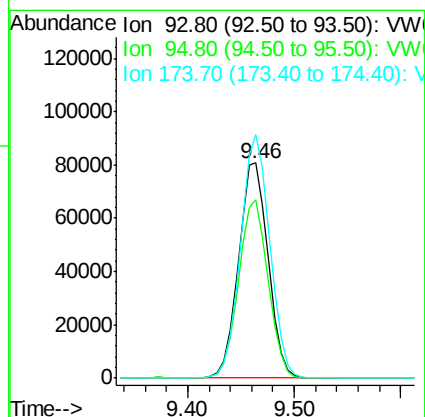
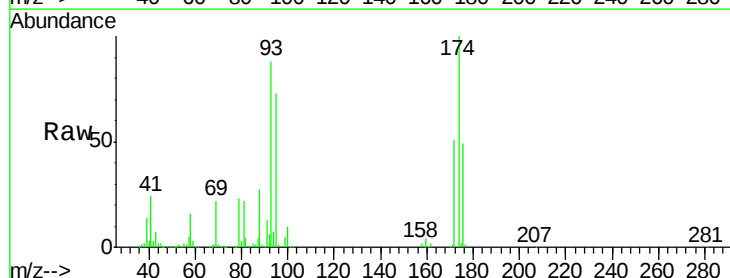
Tgt Ion: 93 Resp: 157950

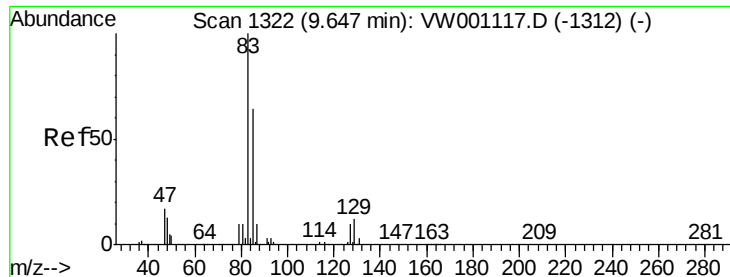
Ion Ratio Lower Upper

93 100

95 82.6 66.5 99.7

174 111.7 89.5 134.3





#47

Bromodichloromethane

Concen: 99.69 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

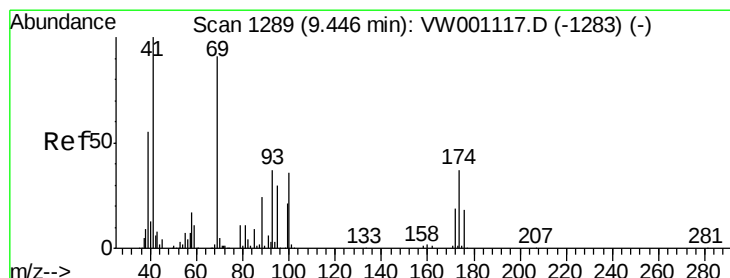
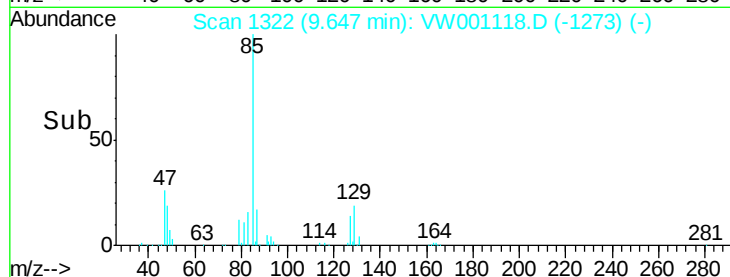
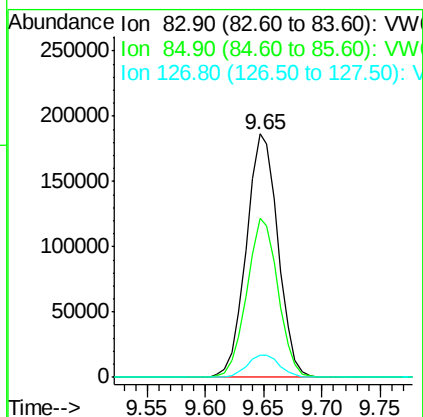
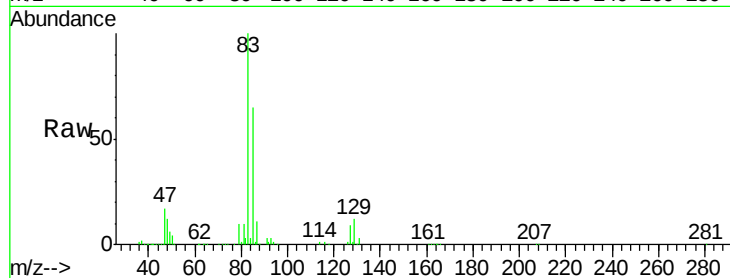
Tgt Ion: 83 Resp: 354421

Ion Ratio Lower Upper

83 100

85 65.2 51.5 77.3

127 9.2 7.6 11.4



#48

Methyl methacrylate

Concen: 111.69 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

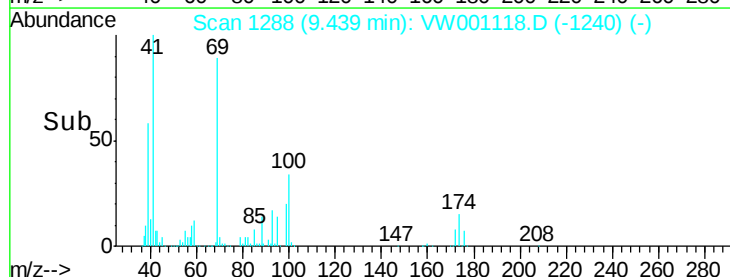
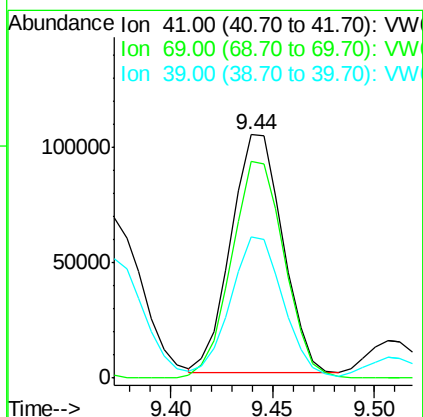
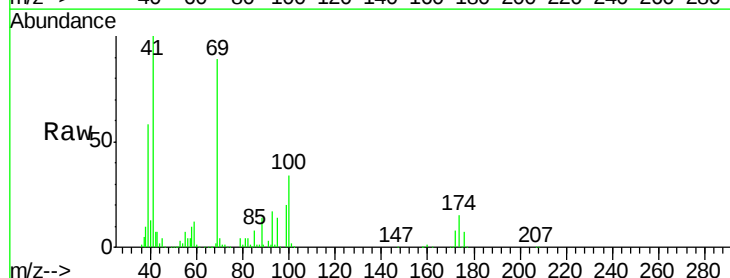
Tgt Ion: 41 Resp: 183000

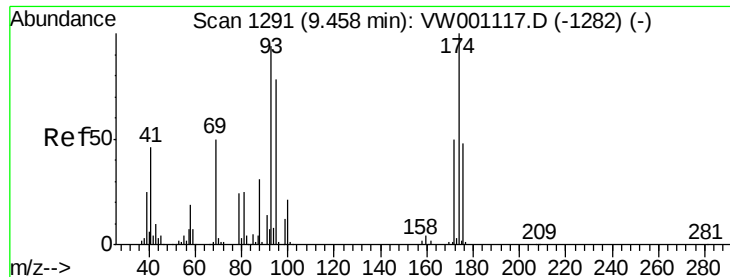
Ion Ratio Lower Upper

41 100

69 93.1 74.9 112.3

39 60.5 47.6 71.4





#49

1,4-Dioxane

Concen: 2254.95 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.01 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

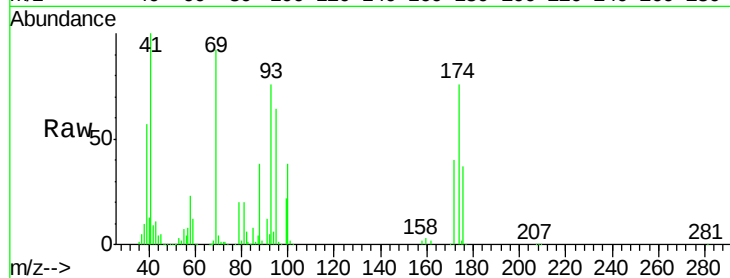
Tgt Ion: 88 Resp: 63139

Ion Ratio Lower Upper

88 100

43 29.2 23.0 34.6

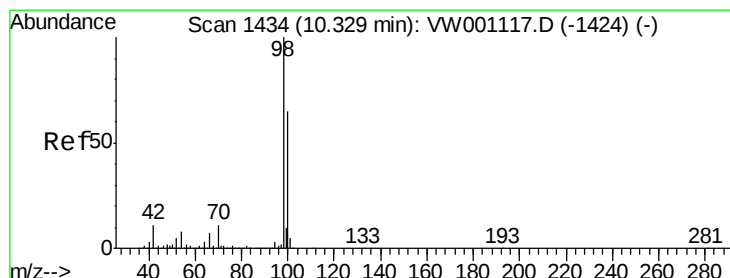
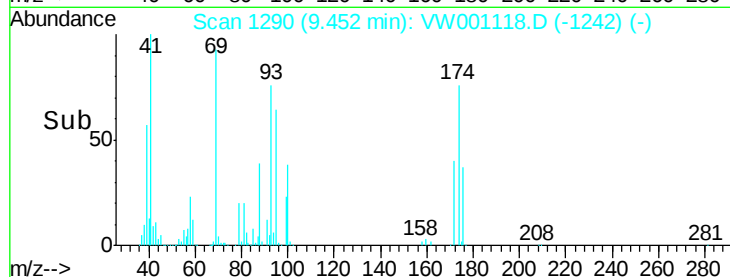
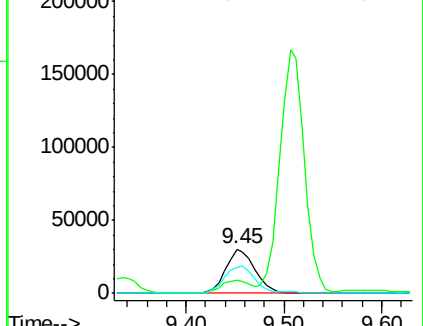
58 65.6 53.9 80.9



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 100.43 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW001118.D

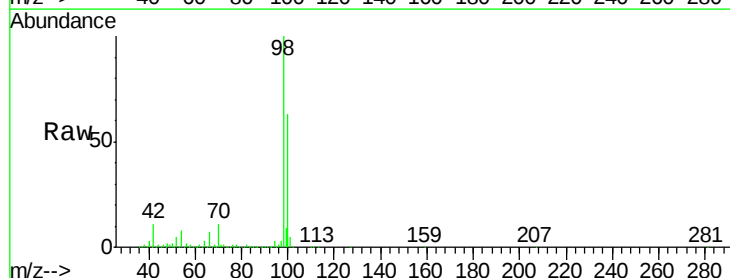
Acq: 29 Jan 2018 13:43

Tgt Ion: 98 Resp: 1032194

Ion Ratio Lower Upper

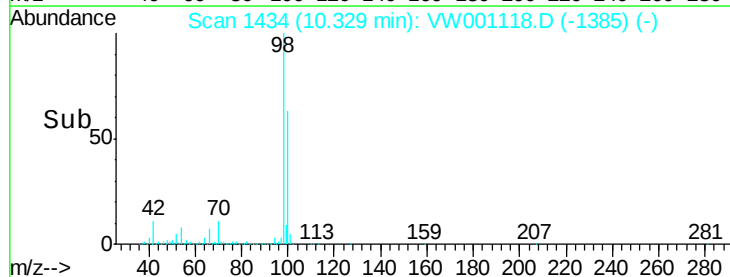
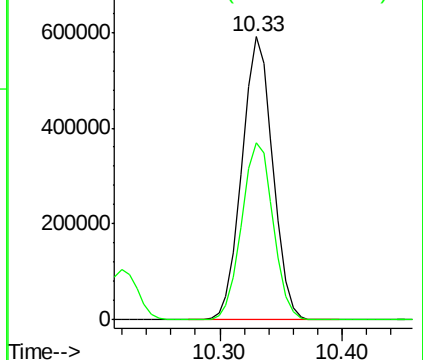
98 100

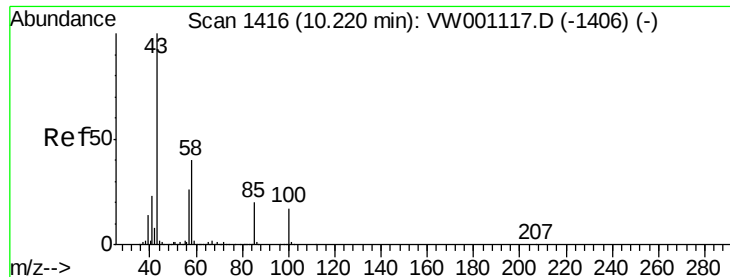
100 64.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 562.90 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

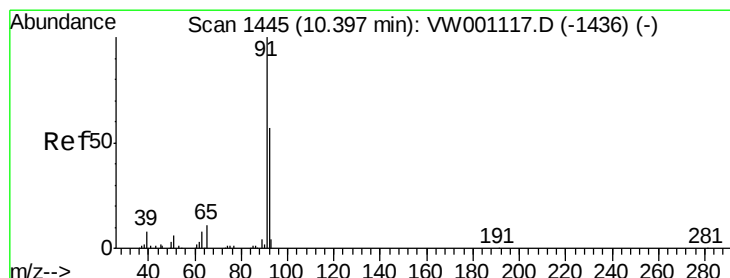
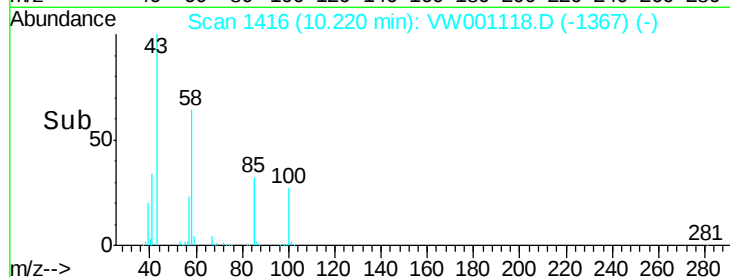
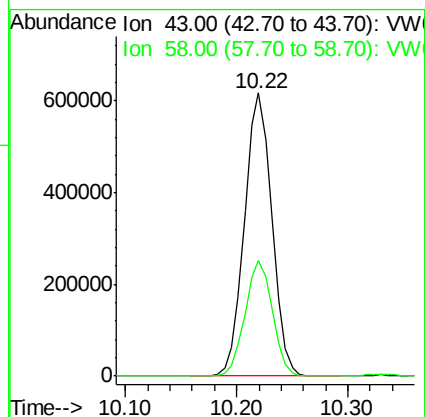
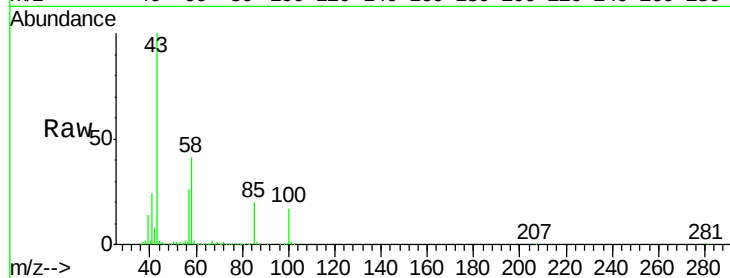
VSTDIC100

Tgt Ion: 43 Resp: 1054285

Ion Ratio Lower Upper

43 100

58 40.5 32.1 48.1



#52

Toluene

Concen: 99.32 ug/l

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW001118.D

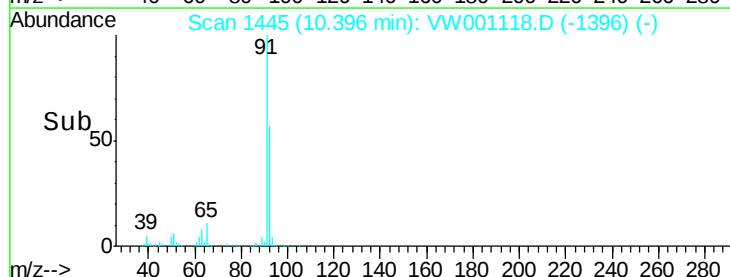
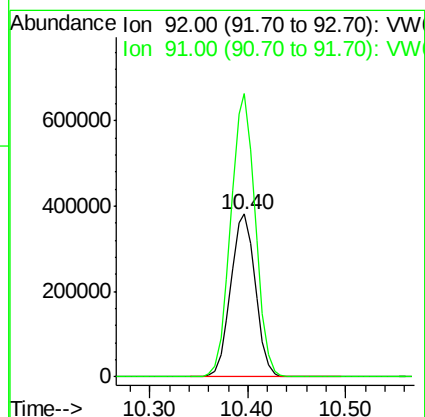
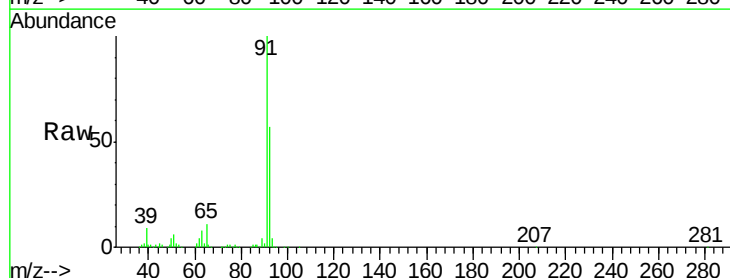
Acq: 29 Jan 2018 13:43

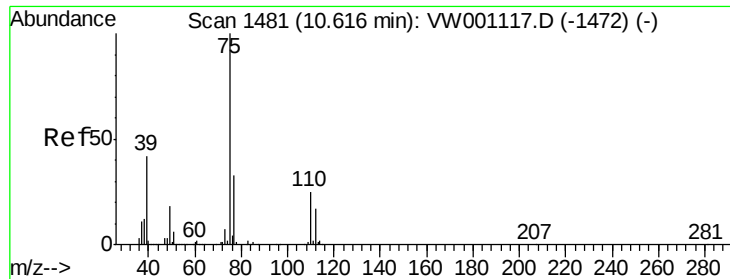
Tgt Ion: 92 Resp: 665485

Ion Ratio Lower Upper

92 100

91 172.7 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 105.97 ug/l

RT: 10.62 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

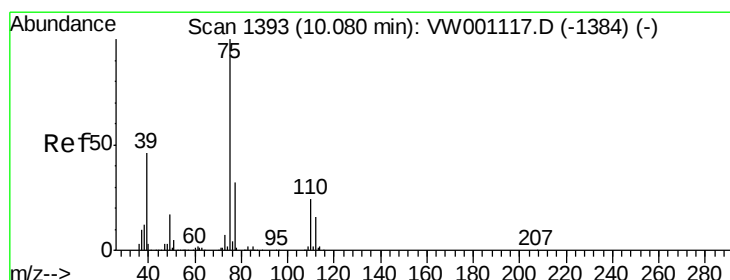
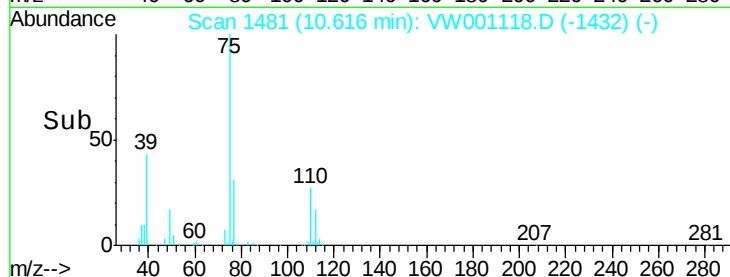
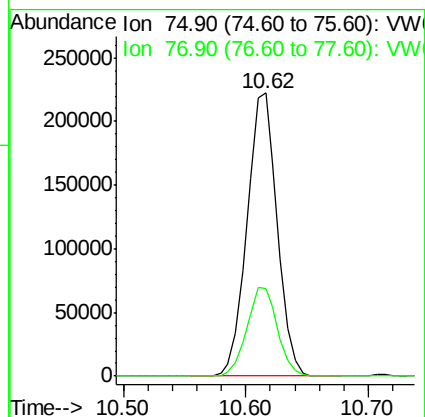
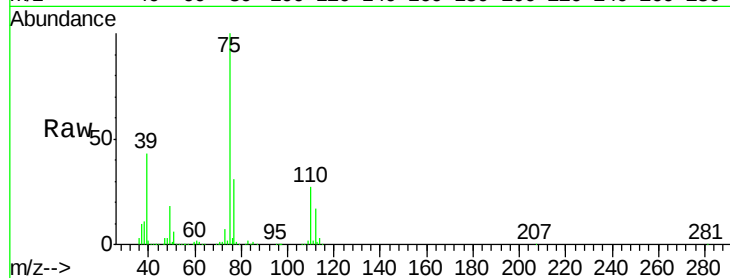
VSTDIC100

Tgt Ion: 75 Resp: 380136

Ion Ratio Lower Upper

75 100

77 30.9 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 101.95 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

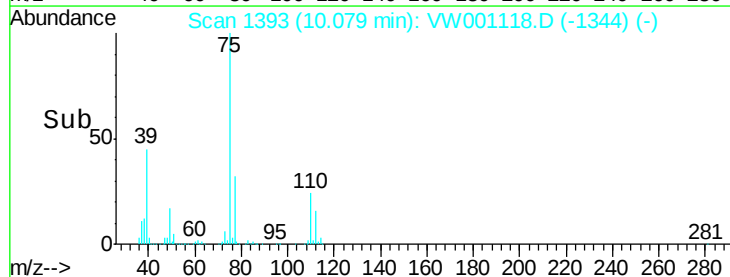
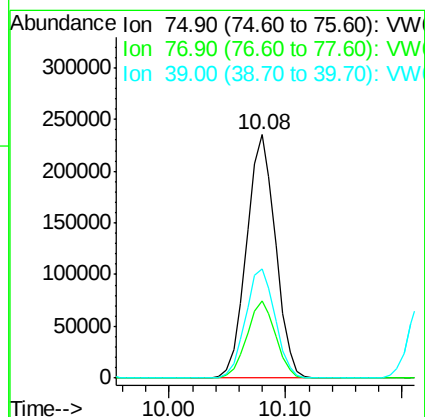
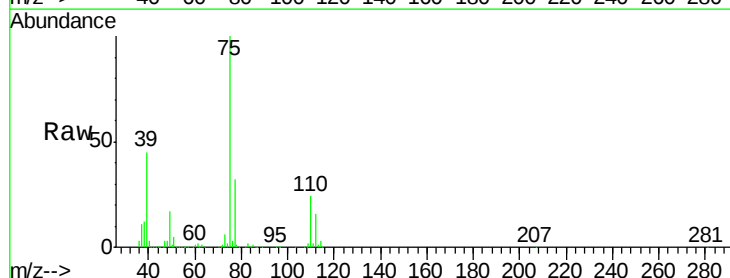
Tgt Ion: 75 Resp: 408288

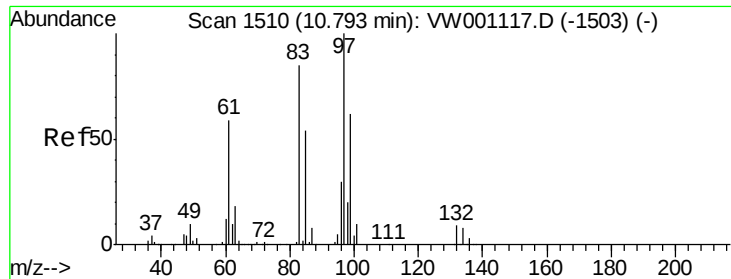
Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

39 45.0 37.0 55.4

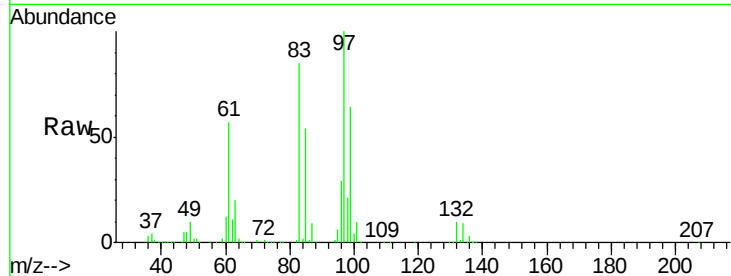




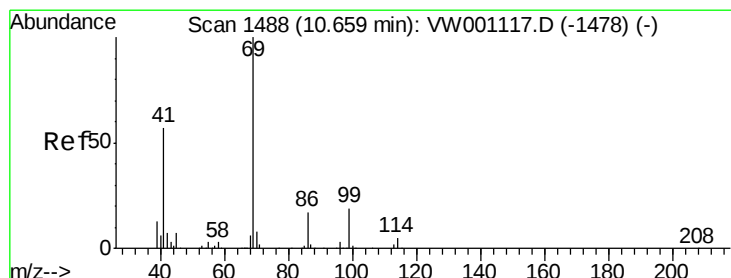
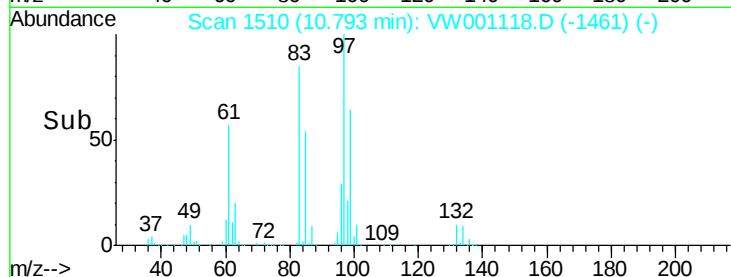
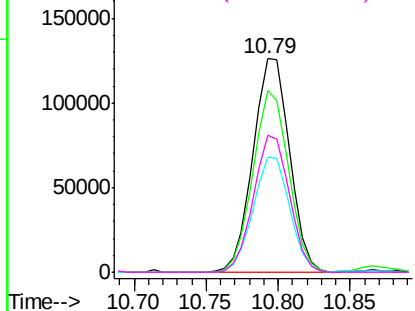
#55
 1,1,2-Trichloroethane
 Concen: 99.08 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	221951
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.7	101.5
85	53.8	43.0	64.6
99	64.4	49.9	74.9

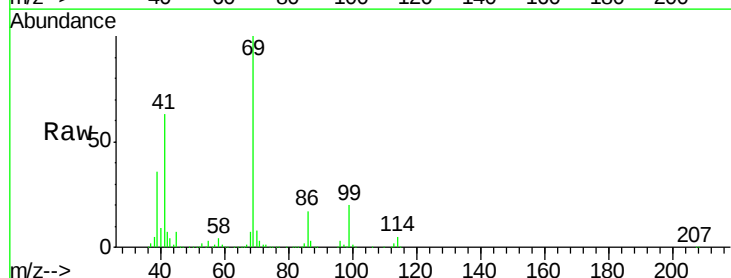


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

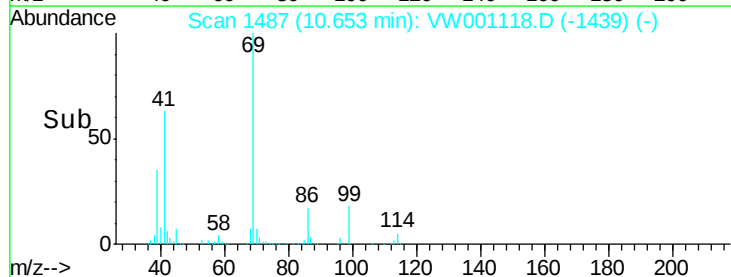
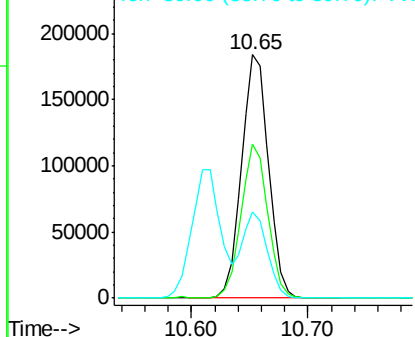


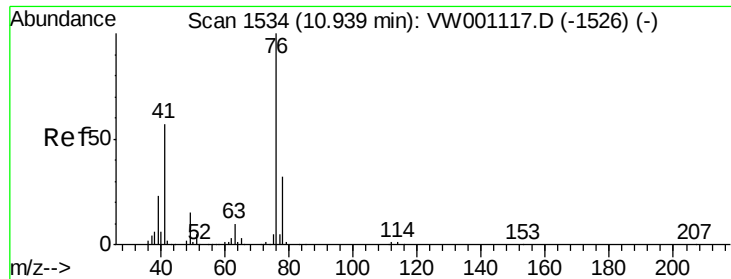
#56
 Ethyl methacrylate
 Concen: 113.10 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.01 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Tgt Ion:	69	Resp:	297010
Ion	Ratio	Lower	Upper
69	100		
41	62.4	50.6	75.8
39	33.7	27.5	41.3



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 101.02 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

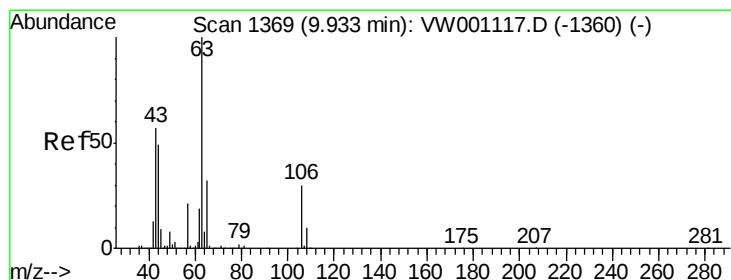
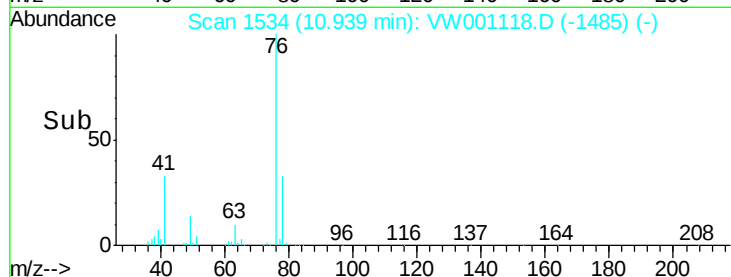
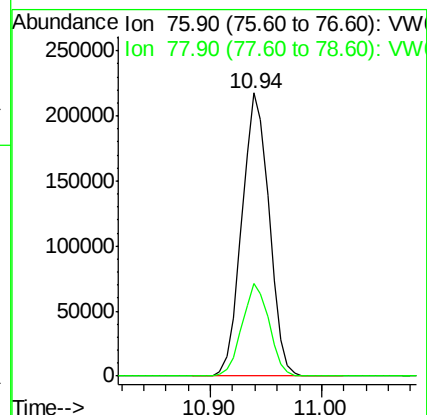
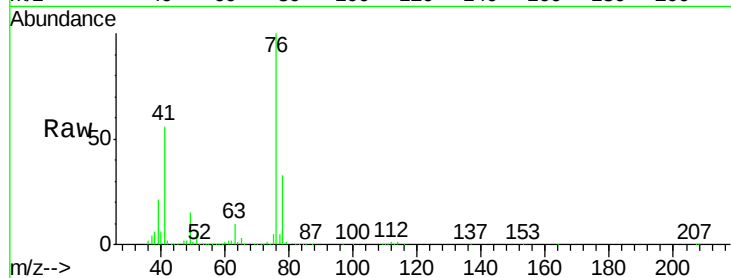
VSTDIC100

Tgt Ion: 76 Resp: 367877

Ion Ratio Lower Upper

76 100

78 32.4 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 500.59 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VW001118.D

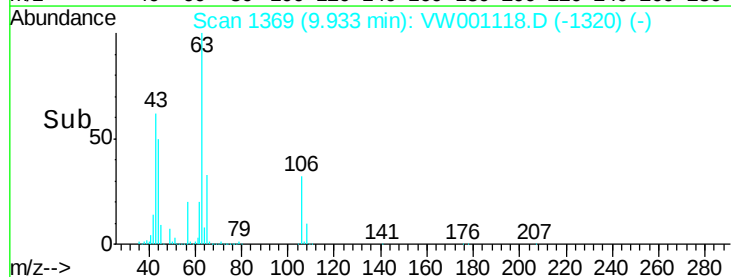
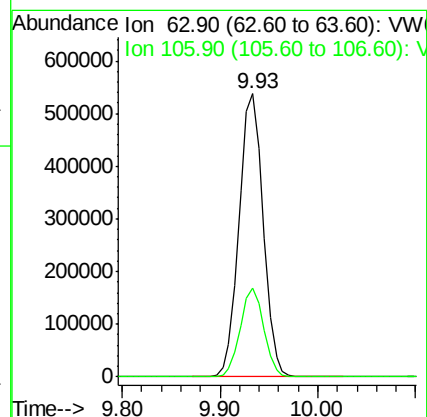
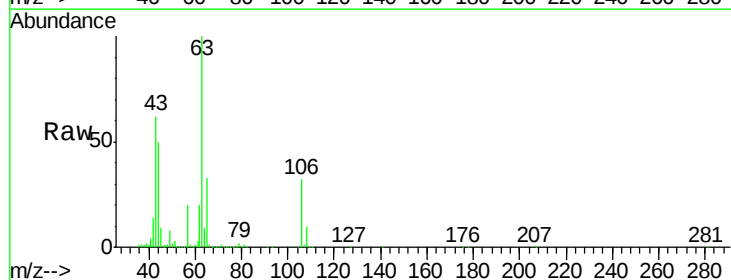
Acq: 29 Jan 2018 13:43

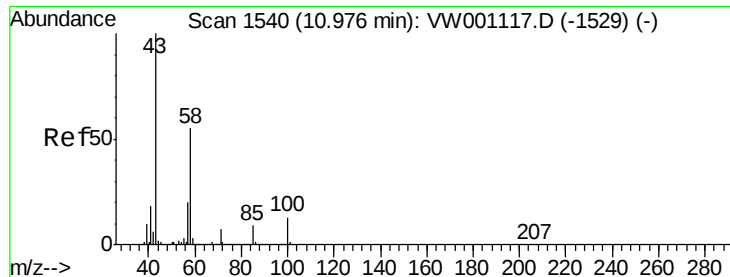
Tgt Ion: 63 Resp: 918951

Ion Ratio Lower Upper

63 100

106 30.7 24.2 36.4

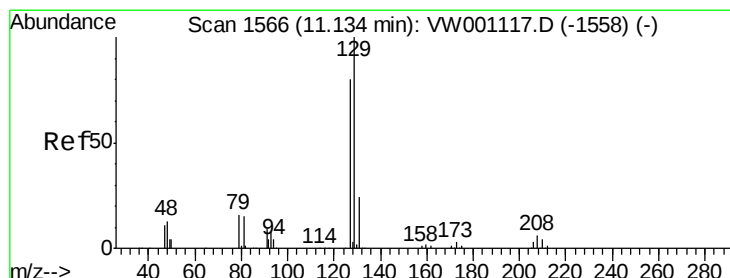
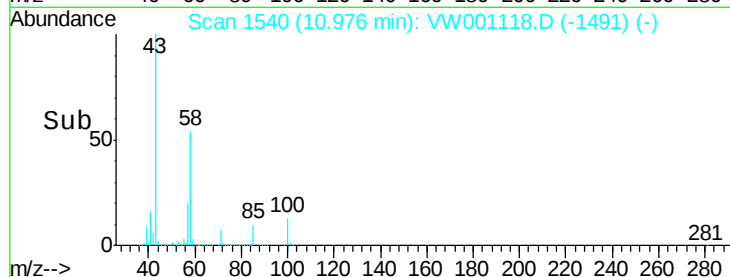
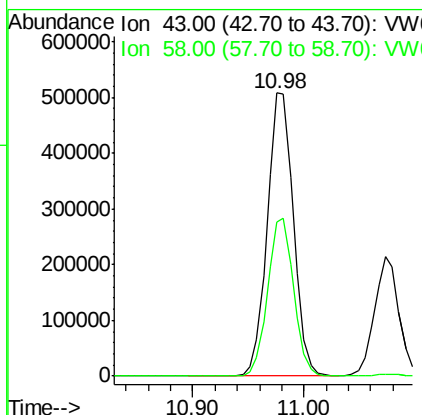
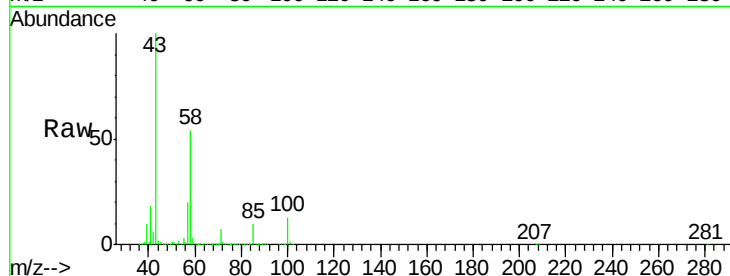




#59
2-Hexanone
Concen: 588.64 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

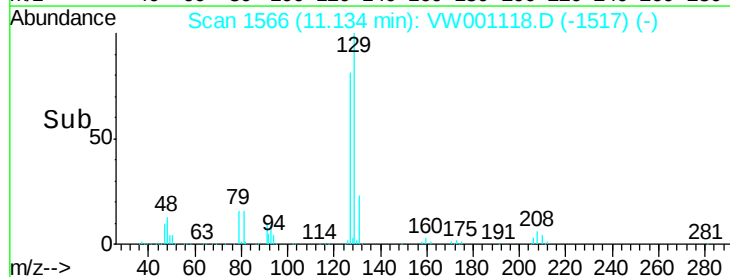
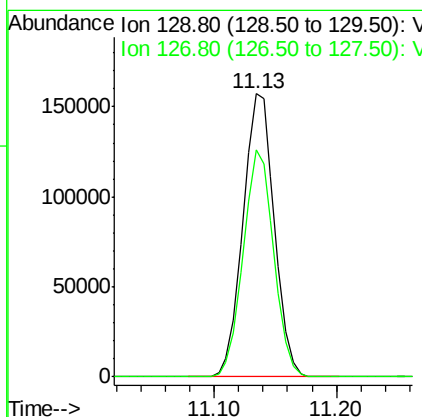
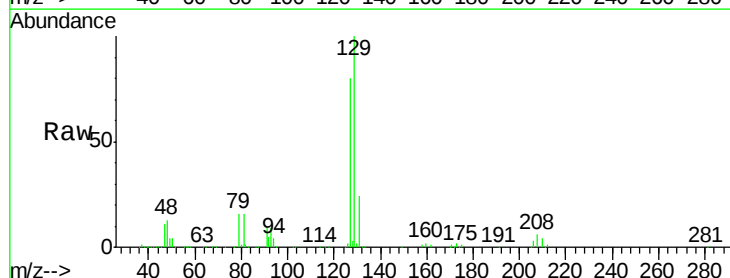
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

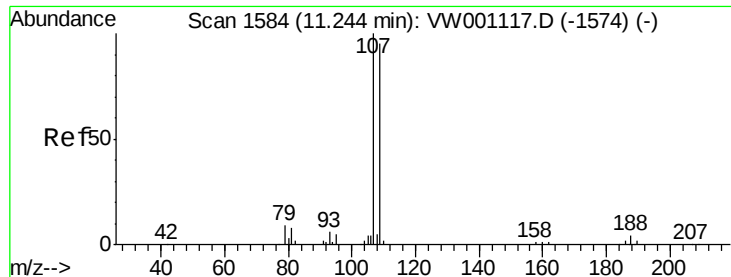
Tgt Ion: 43 Resp: 834087
Ion Ratio Lower Upper
43 100
58 55.3 27.7 83.0



#60
Dibromochloromethane
Concen: 102.32 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion: 129 Resp: 279292
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5

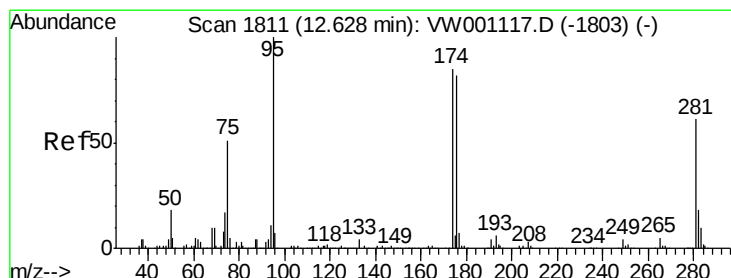
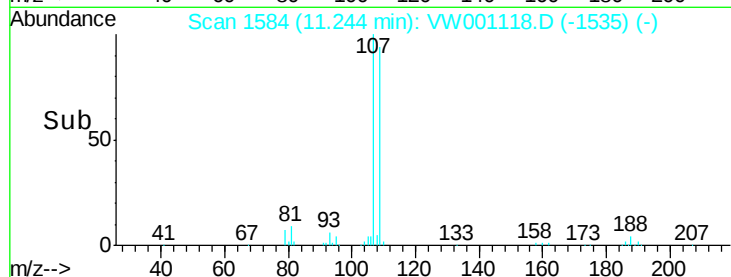
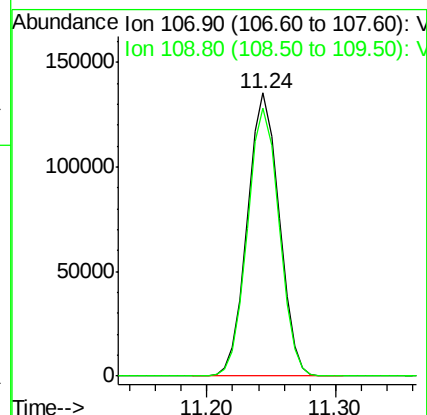
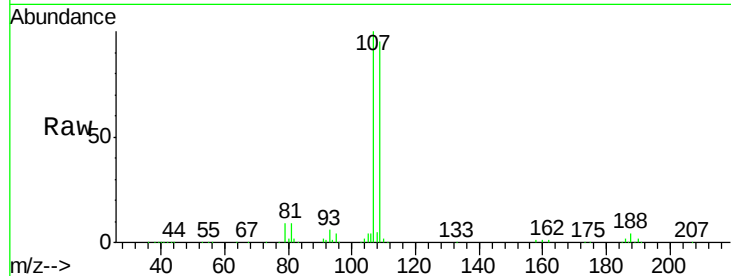




#61
 1,2-Dibromoethane
 Concen: 102.33 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

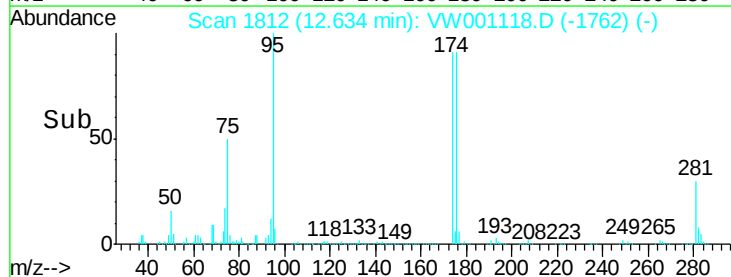
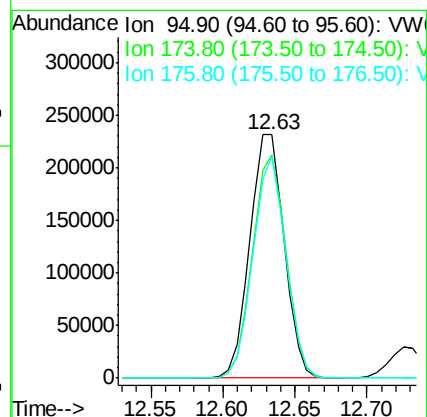
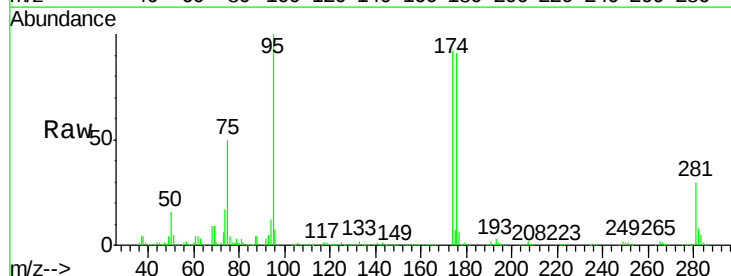
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

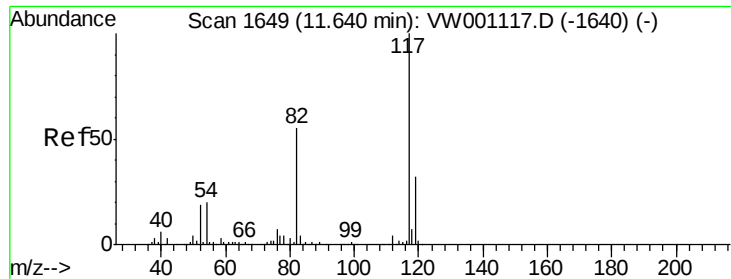
Tgt Ion: 107 Resp: 231155
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 100.55 ug/l
 RT: 12.63 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Tgt Ion: 95 Resp: 380808
 Ion Ratio Lower Upper
 95 100
 174 89.7 0.0 179.6
 176 86.7 0.0 174.4

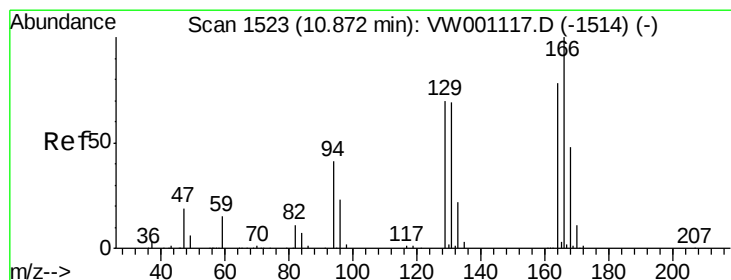
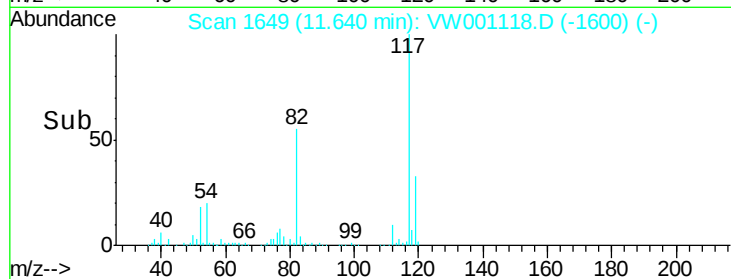
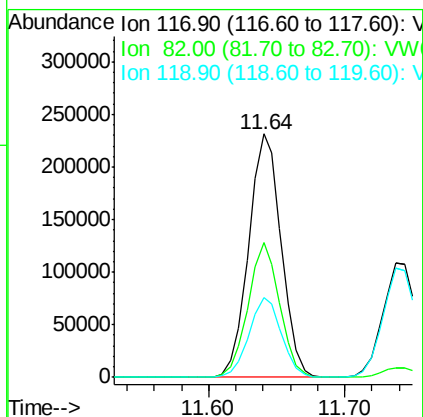
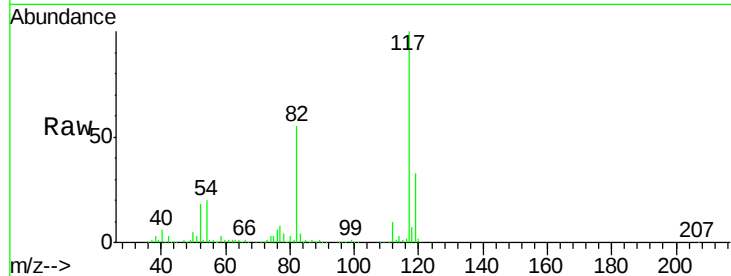




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

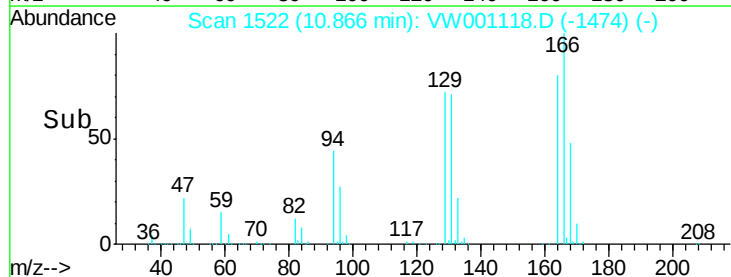
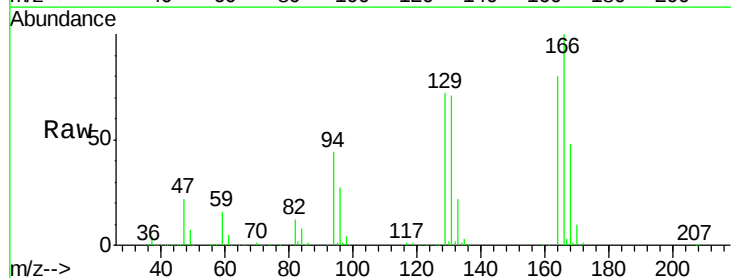
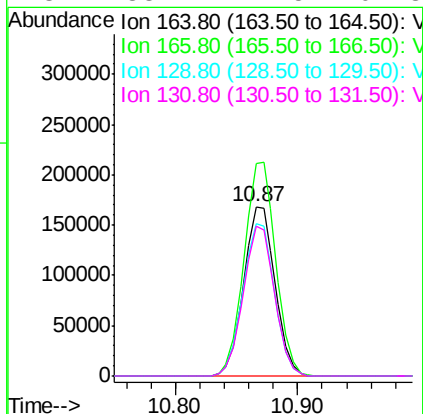
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

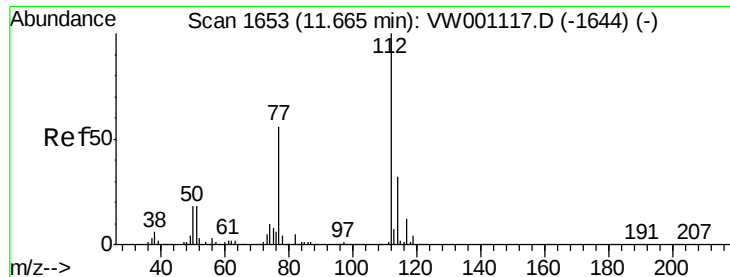
Tgt Ion:117 Resp: 387345
Ion Ratio Lower Upper
117 100
82 55.2 43.8 65.8
119 33.0 25.8 38.8



#64
Tetrachloroethene
Concen: 96.14 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.01 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion:164 Resp: 299437
Ion Ratio Lower Upper
164 100
166 125.8 103.1 154.7
129 90.2 72.3 108.5
131 88.7 71.5 107.3

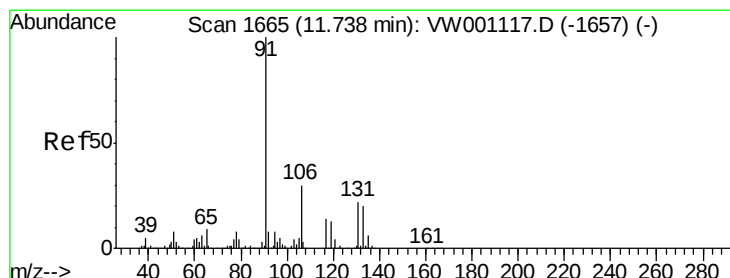
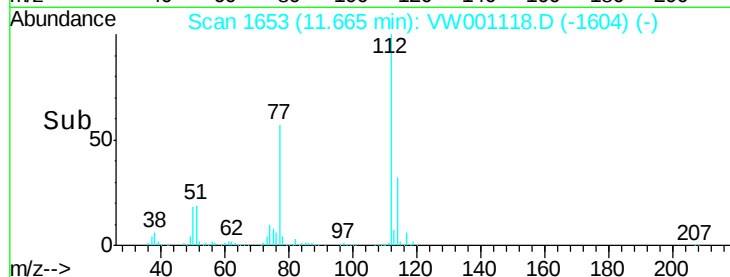
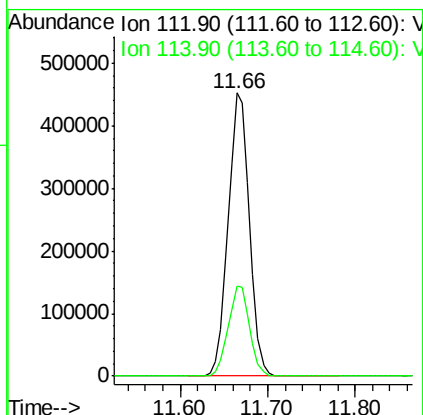
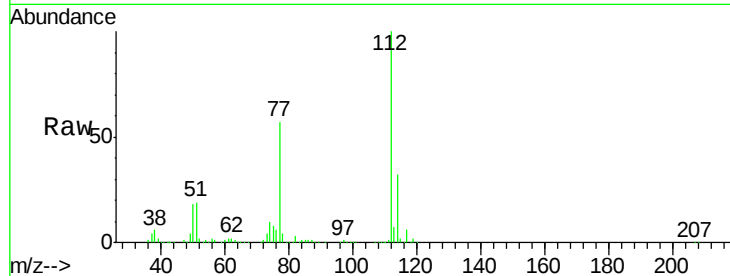




#65
Chlorobenzene
Concen: 97.42 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

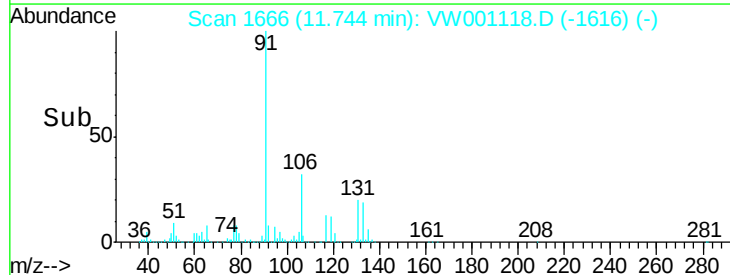
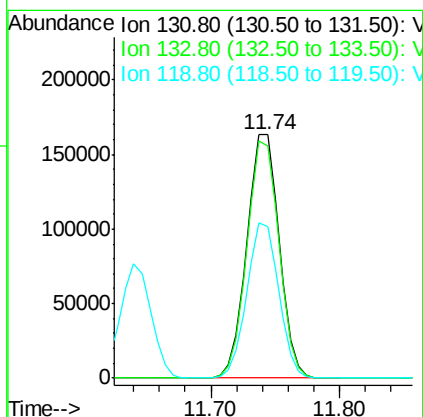
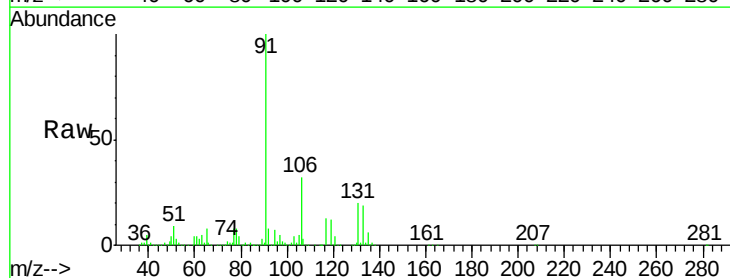
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

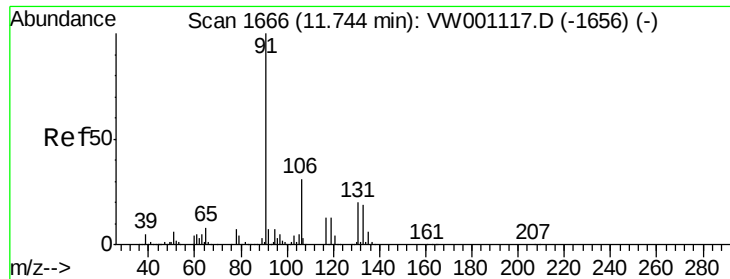
Tgt Ion:112 Resp: 761052
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 99.04 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion:131 Resp: 282536
Ion Ratio Lower Upper
131 100
133 96.3 47.3 141.8
119 63.0 31.5 94.5

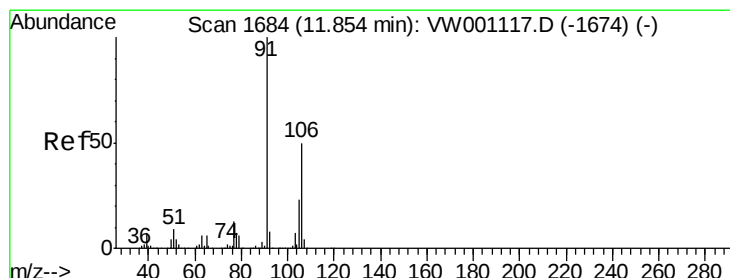
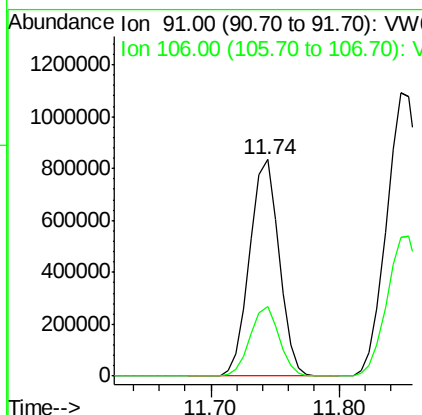
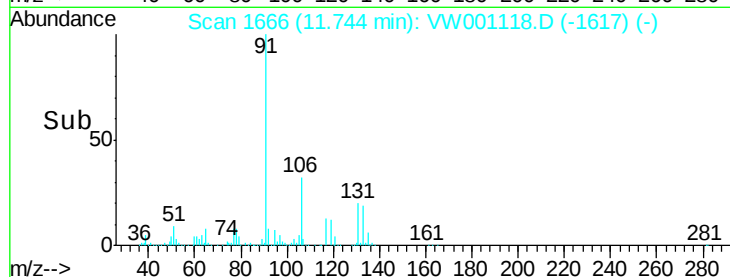
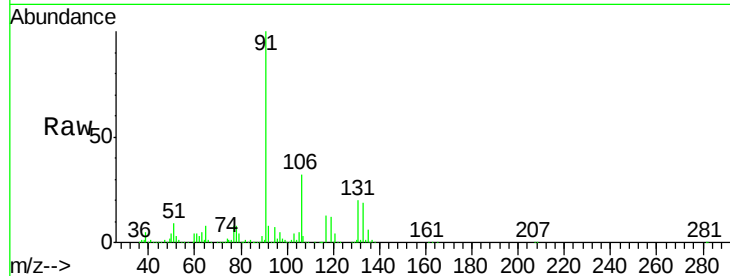




#67
Ethyl Benzene
Concen: 100.93 ug/l
RT: 11.74 min Scan# 1666
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

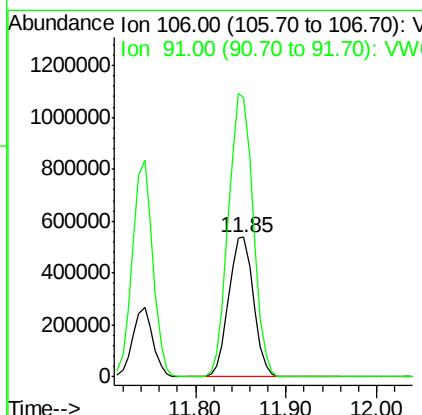
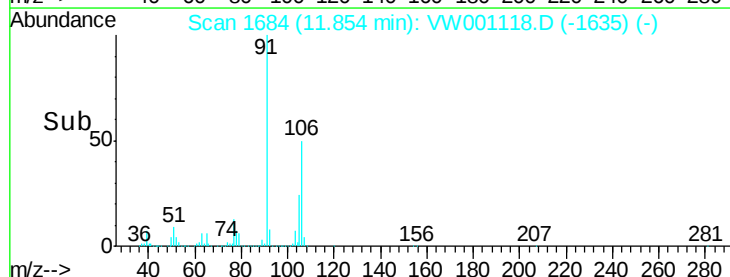
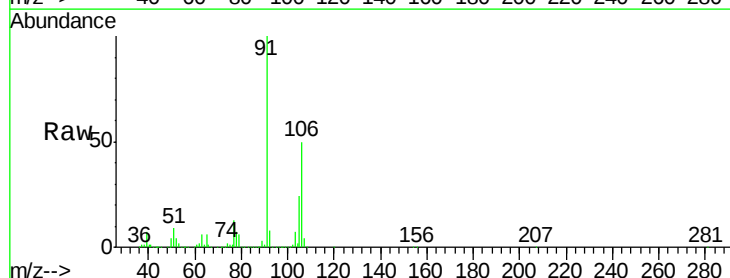
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

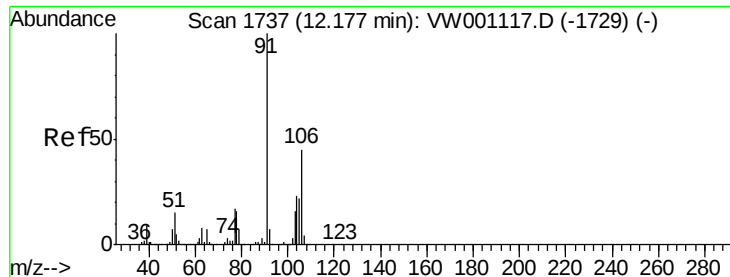
Tgt Ion: 91 Resp: 1316350
Ion Ratio Lower Upper
91 100
106 32.0 24.6 36.8



#68
m/p-Xylenes
Concen: 201.04 ug/l
RT: 11.85 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion: 106 Resp: 1021499
Ion Ratio Lower Upper
106 100
91 202.2 163.1 244.7

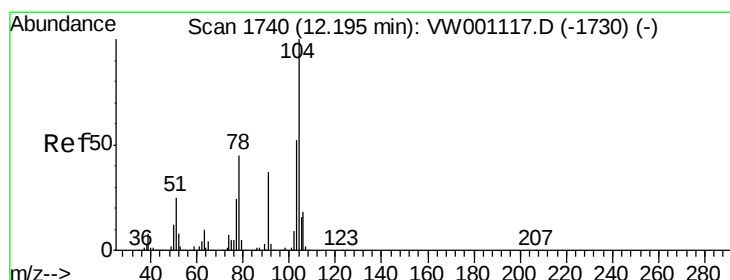
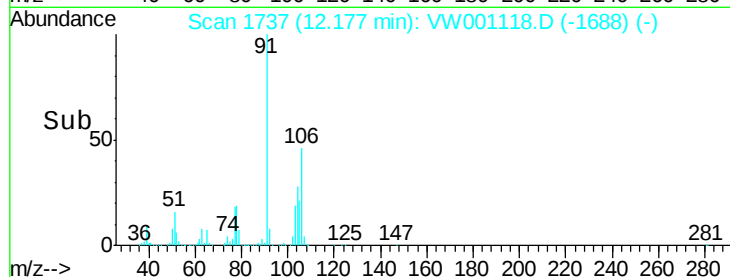
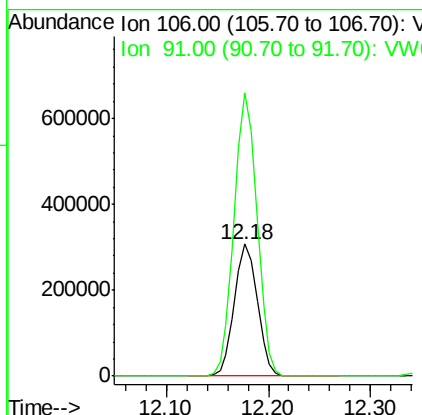
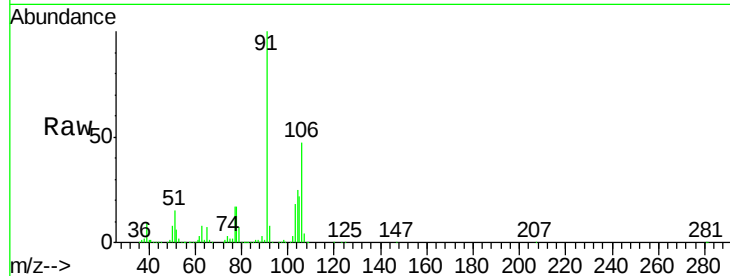




#69
o-Xylene
Concen: 102.35 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

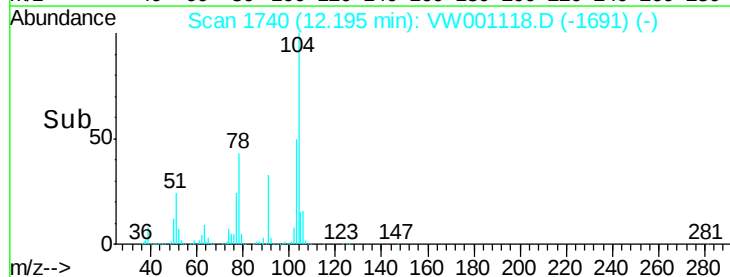
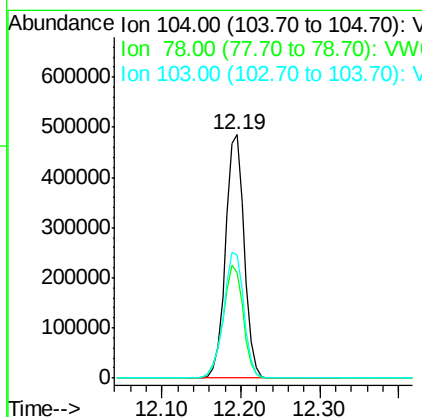
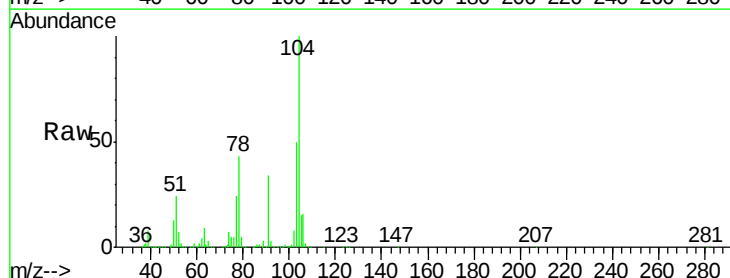
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

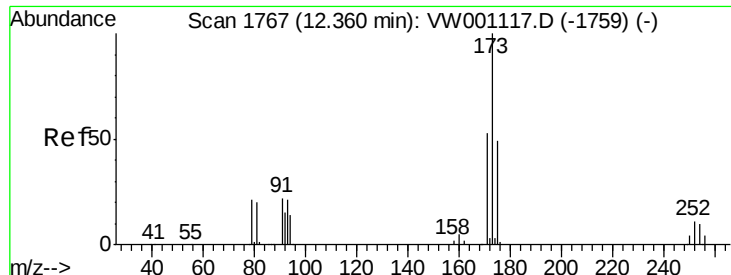
Tgt Ion:106 Resp: 479506
Ion Ratio Lower Upper
106 100
91 213.6 107.6 322.8



#70
Styrene
Concen: 103.18 ug/l
RT: 12.19 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion:104 Resp: 794550
Ion Ratio Lower Upper
104 100
78 50.0 39.9 59.9
103 55.9 44.7 67.1





#71

Bromoform

Concen: 106.14 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

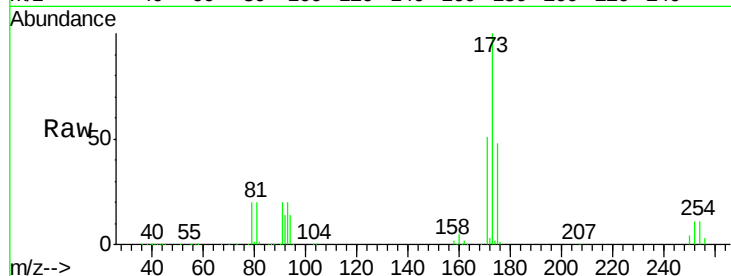
Tgt Ion:173 Resp: 195633

Ion Ratio Lower Upper

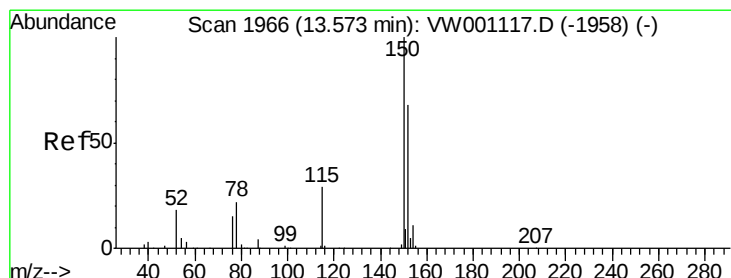
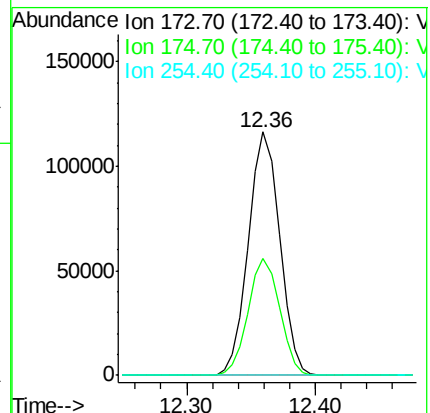
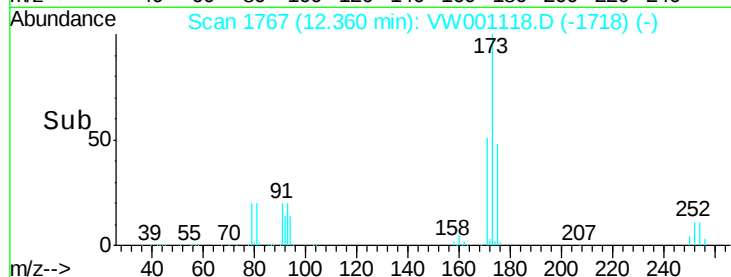
173 100

175 48.4 24.9 74.6

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

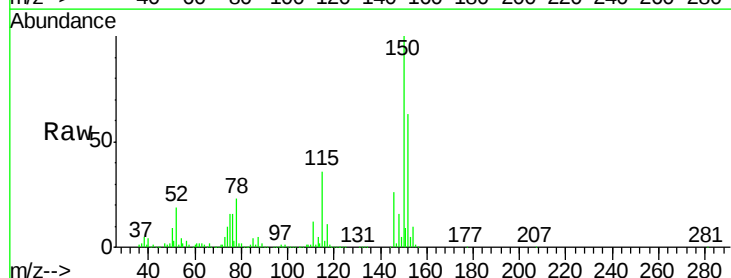
Tgt Ion:152 Resp: 213372

Ion Ratio Lower Upper

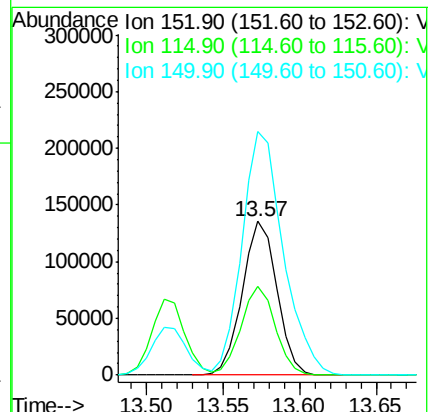
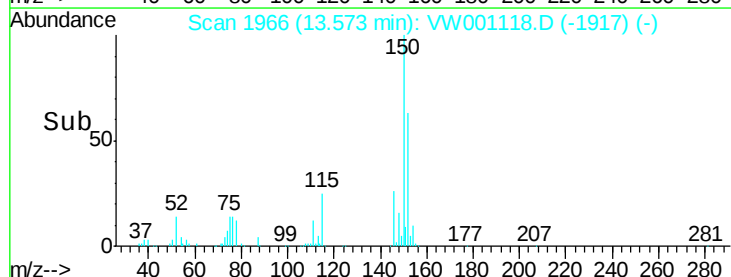
152 100

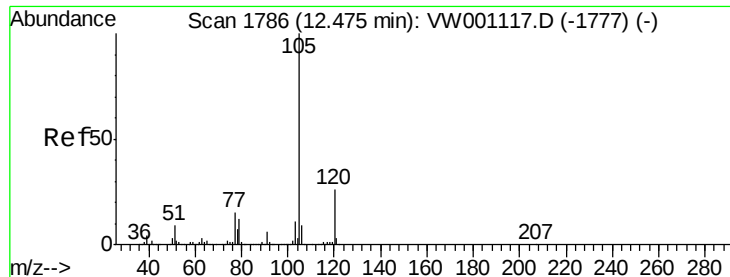
115 56.7 28.4 85.3

150 188.2 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 101.12 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

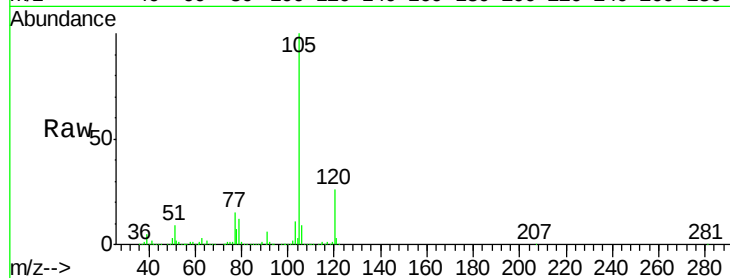
VSTDIC100

Tgt Ion: 105 Resp: 1351426

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

800000

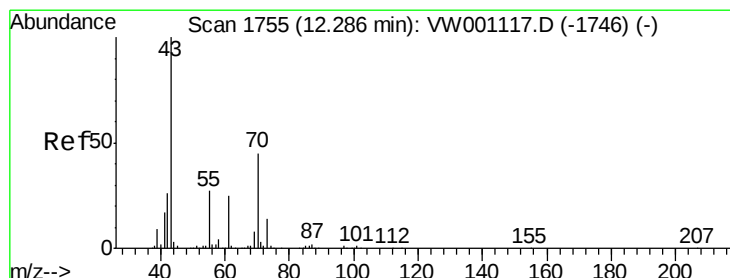
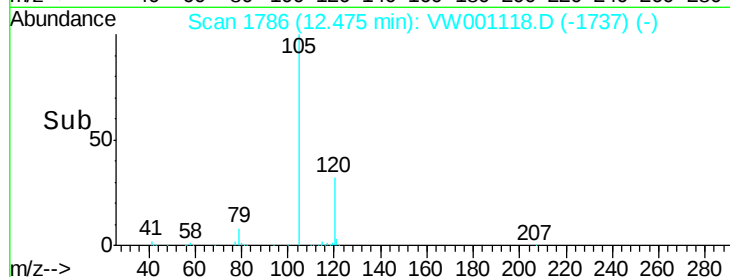
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 112.01 ug/l

RT: 12.29 min Scan# 1755

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Tgt Ion: 43 Resp: 341890

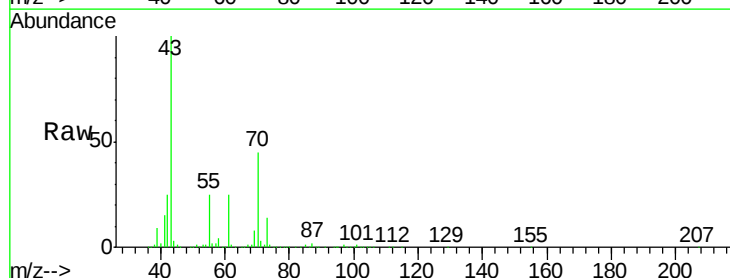
Ion Ratio Lower Upper

43 100

70 44.7 36.0 54.0

55 25.8 21.7 32.5

61 24.8 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

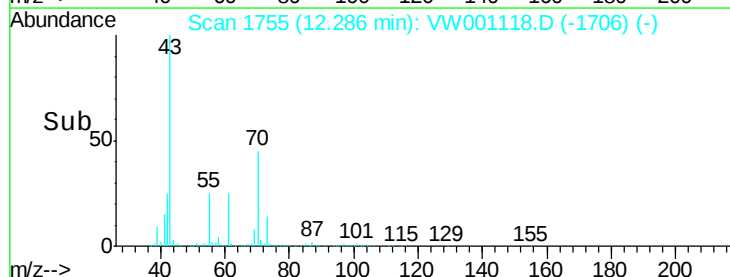
300000

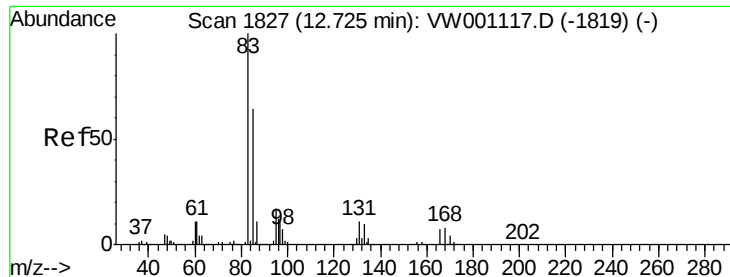
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 103.37 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

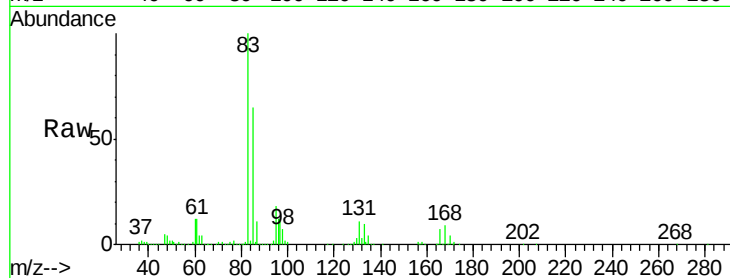
Tgt Ion: 83 Resp: 282582

Ion Ratio Lower Upper

83 100

131 11.9 5.8 17.4

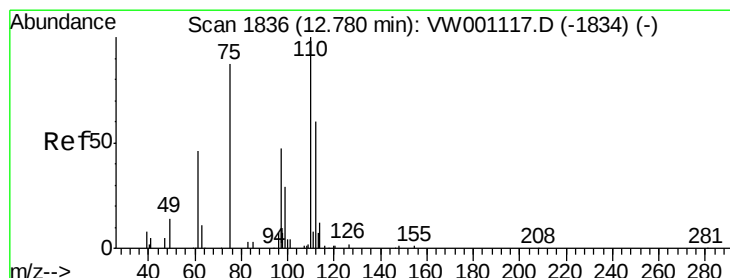
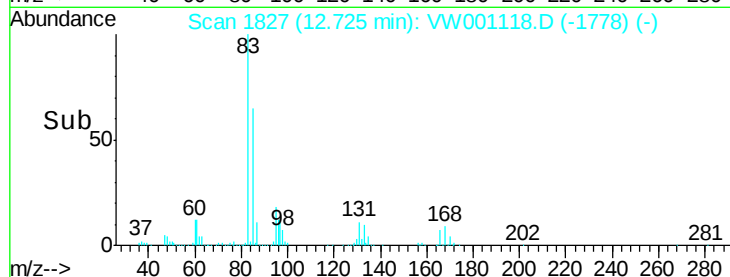
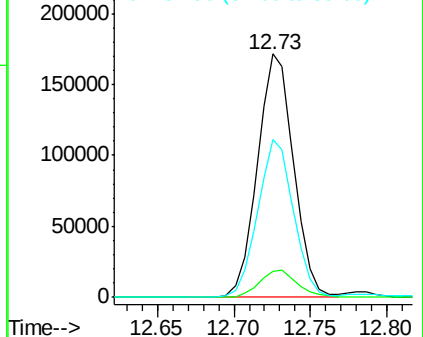
85 64.3 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 151.62 ug/l

RT: 12.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VW001118.D

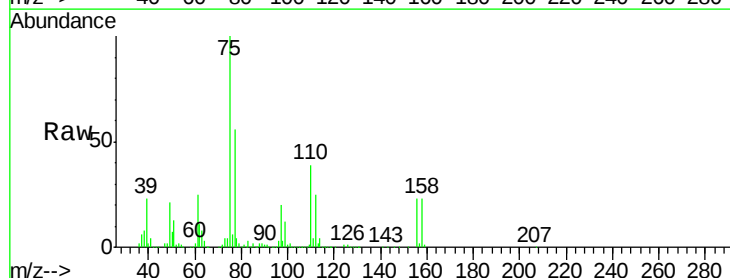
Acq: 29 Jan 2018 13:43

Tgt Ion: 75 Resp: 394219

Ion Ratio Lower Upper

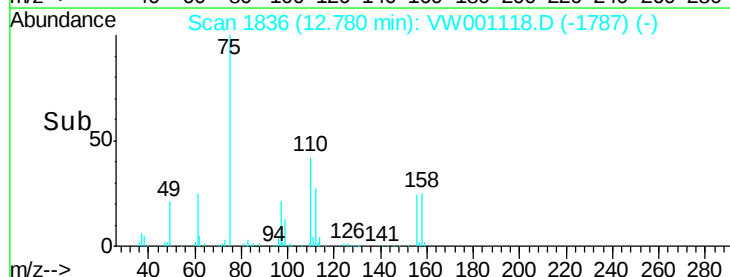
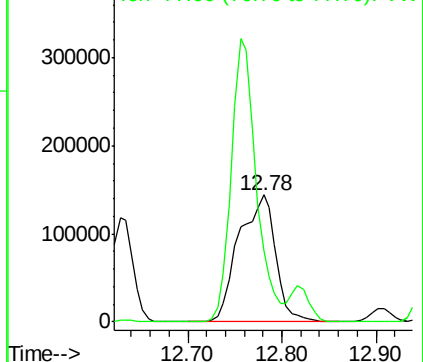
75 100

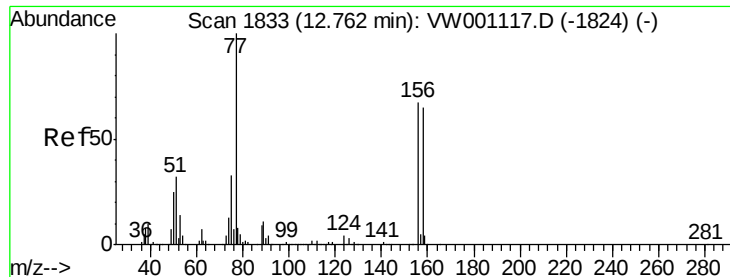
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 96.93 ug/l

RT: 12.76 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

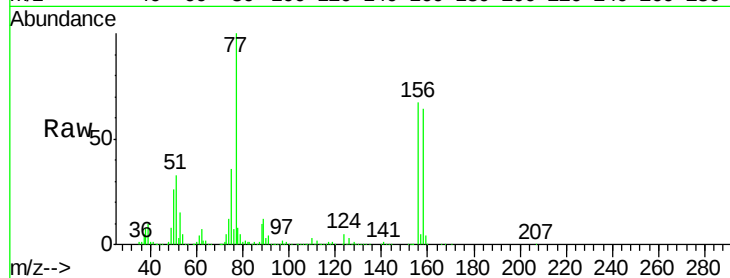
Tgt Ion:156 Resp: 336341

Ion Ratio Lower Upper

156 100

77 178.5 85.3 255.8

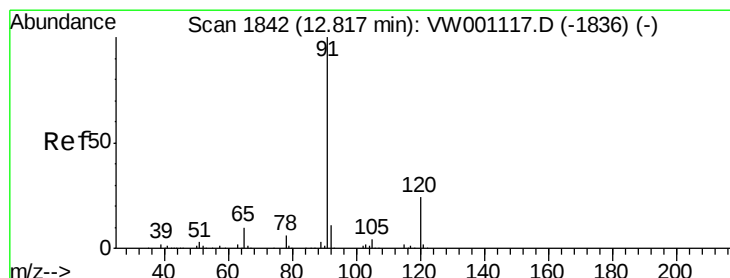
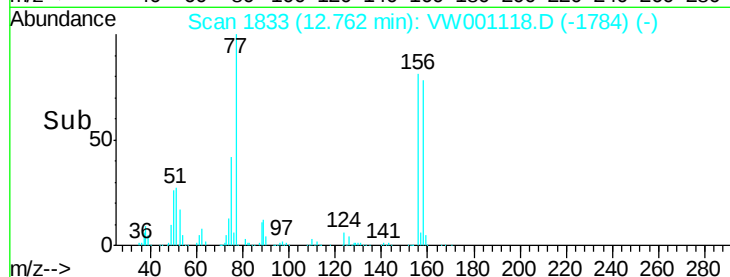
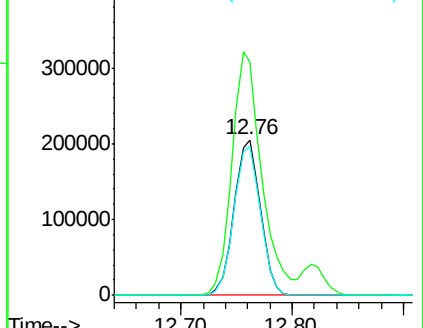
158 96.8 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 99.61 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VW001118.D

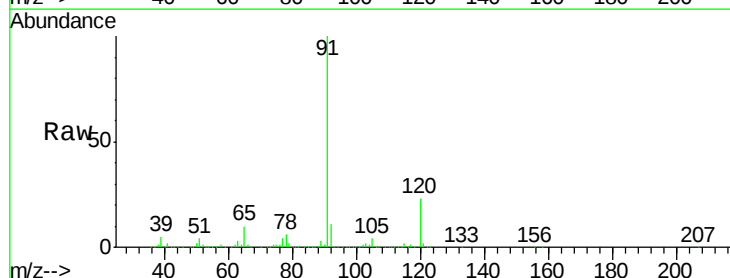
Acq: 29 Jan 2018 13:43

Tgt Ion: 91 Resp: 1593802

Ion Ratio Lower Upper

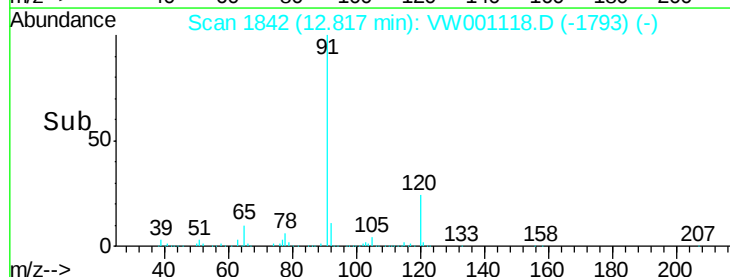
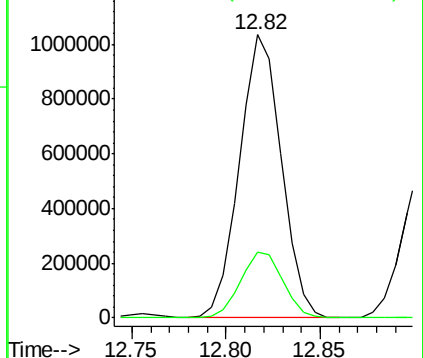
91 100

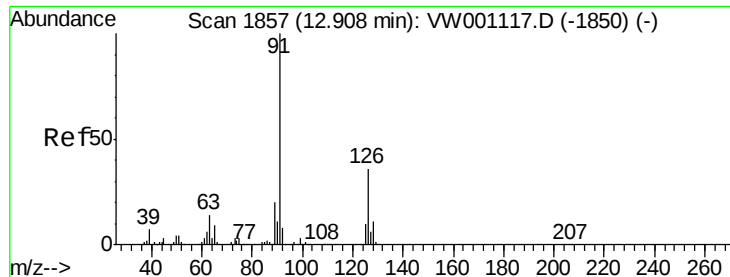
120 23.7 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 98.99 ug/l

RT: 12.91 min Scan# 1857

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

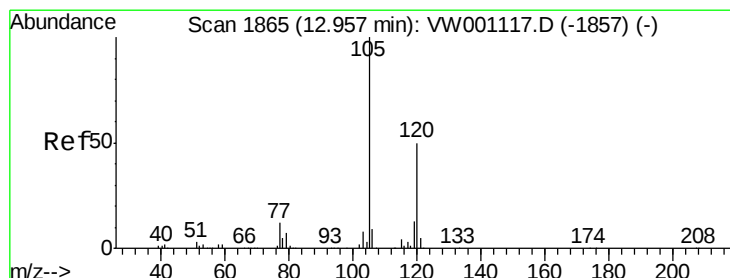
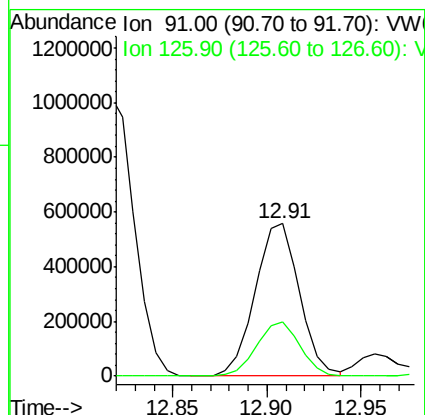
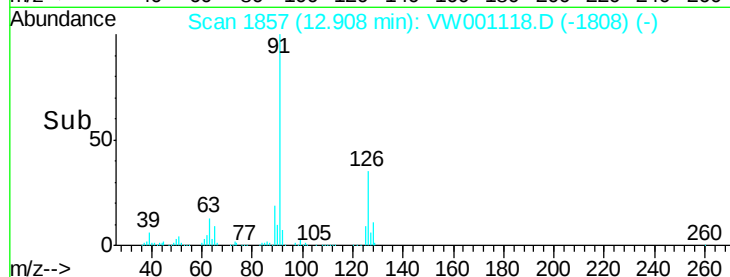
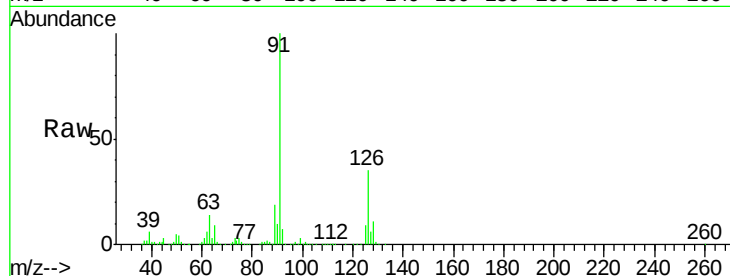
VSTDIC100

Tgt Ion: 91 Resp: 906429

Ion Ratio Lower Upper

91 100

126 34.8 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 101.64 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VW001118.D

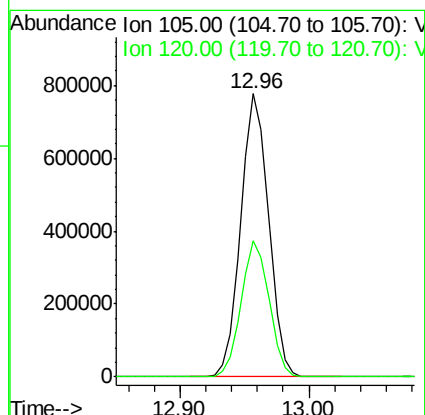
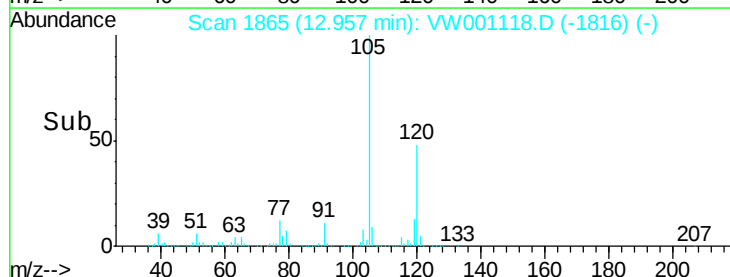
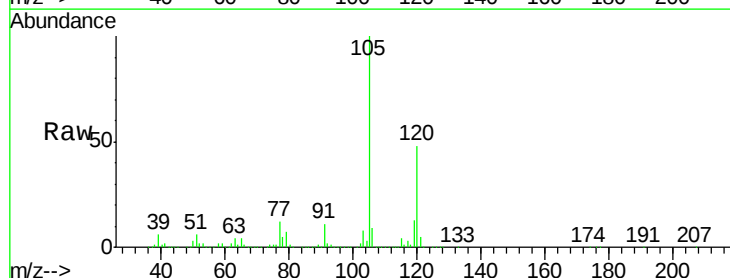
Acq: 29 Jan 2018 13:43

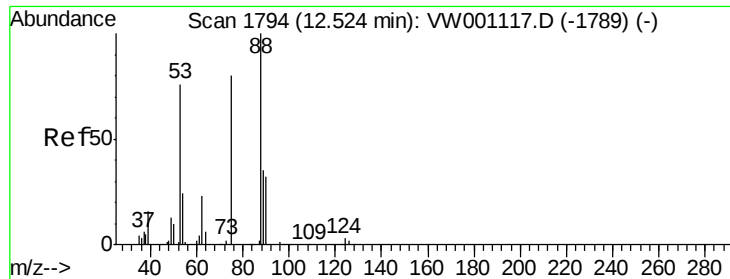
Tgt Ion:105 Resp: 1161765

Ion Ratio Lower Upper

105 100

120 48.3 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 114.70 ug/l

RT: 12.52 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

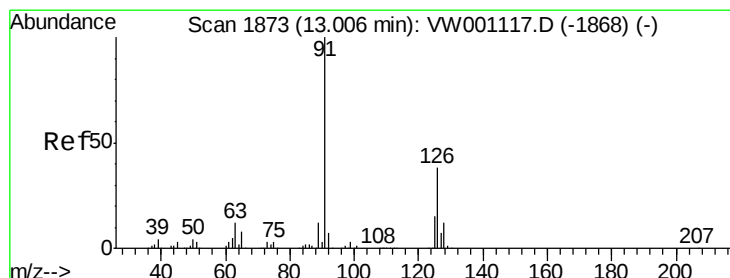
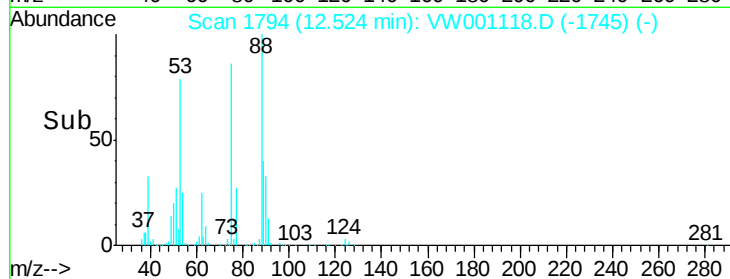
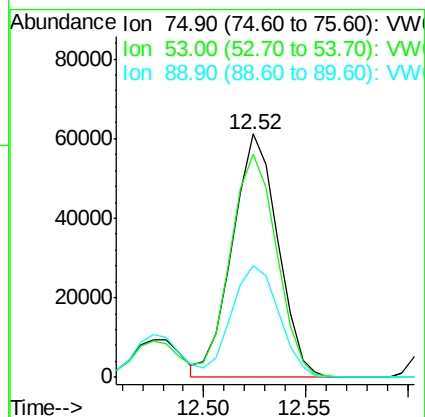
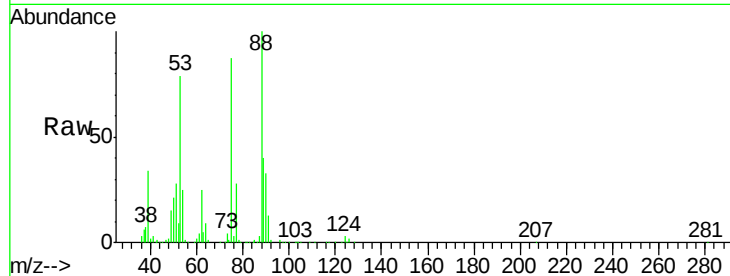
Tgt Ion: 75 Resp: 94332

Ion Ratio Lower Upper

75 100

53 93.1 75.0 112.6

89 48.0 38.2 57.4



#82

4-Chlorotoluene

Concen: 97.38 ug/l

RT: 13.01 min Scan# 1873

Delta R.T. -0.00 min

Lab File: VW001118.D

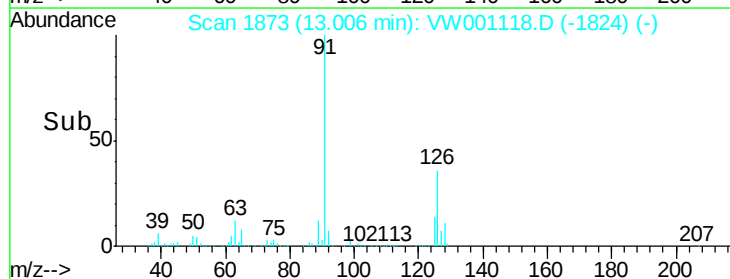
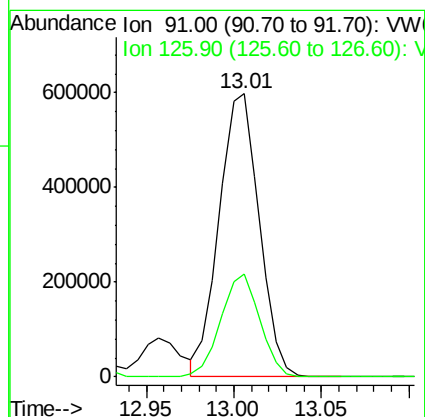
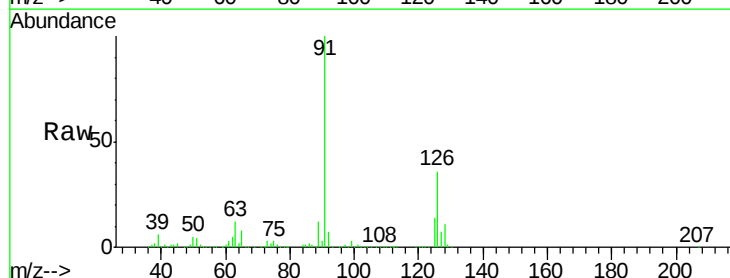
Acq: 29 Jan 2018 13:43

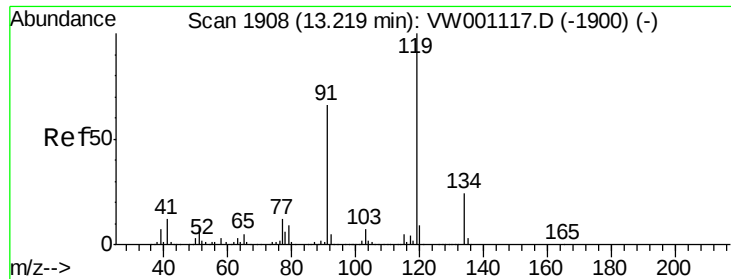
Tgt Ion: 91 Resp: 950669

Ion Ratio Lower Upper

91 100

126 35.3 17.8 53.4

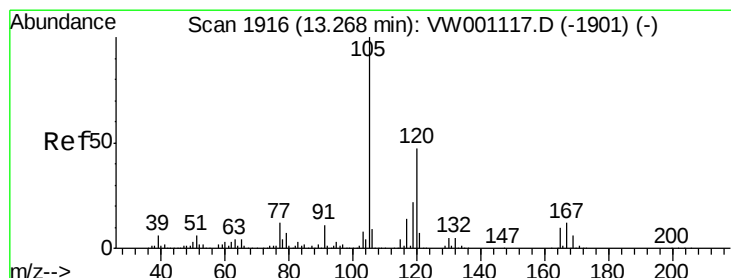
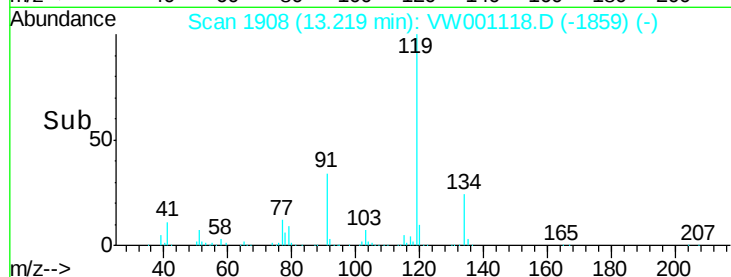
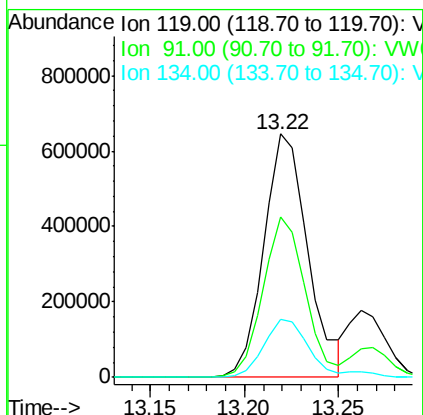
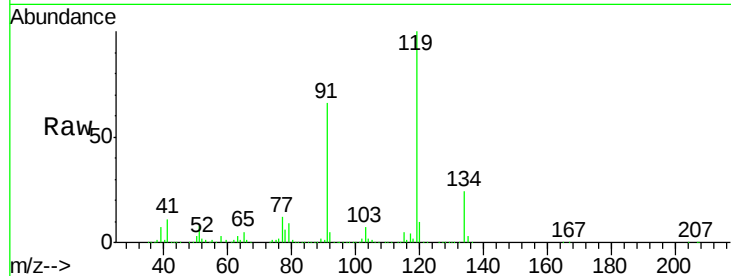




#83
tert-Butylbenzene
Concen: 103.67 ug/l
RT: 13.22 min Scan# 1908
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

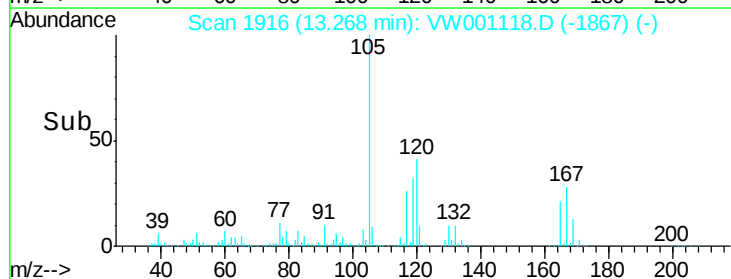
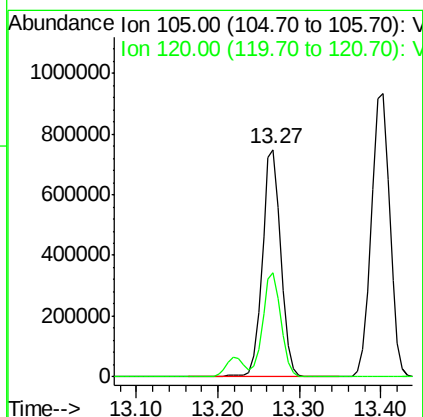
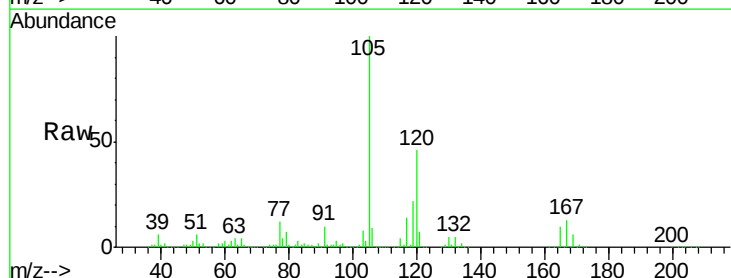
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

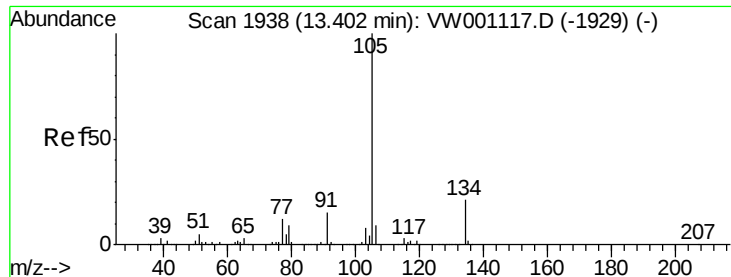
Tgt Ion:119 Resp: 1047060
Ion Ratio Lower Upper
119 100
91 63.1 31.9 95.5
134 25.4 12.7 38.0



#84
1,2,4-Trimethylbenzene
Concen: 101.52 ug/l
RT: 13.27 min Scan# 1916
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion:105 Resp: 1180712
Ion Ratio Lower Upper
105 100
120 45.3 22.9 68.8

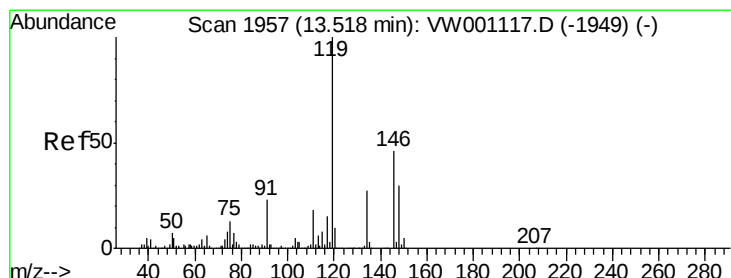
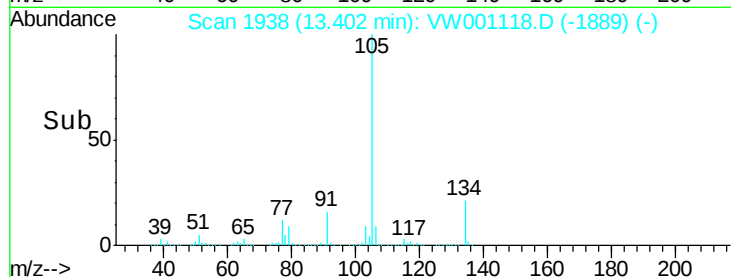
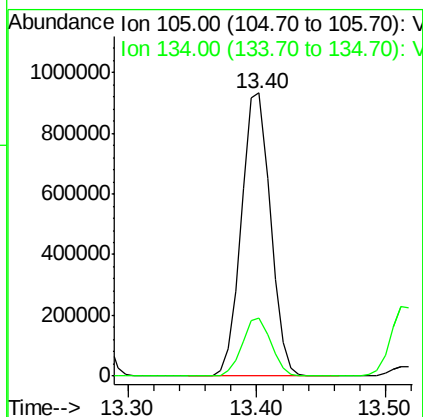
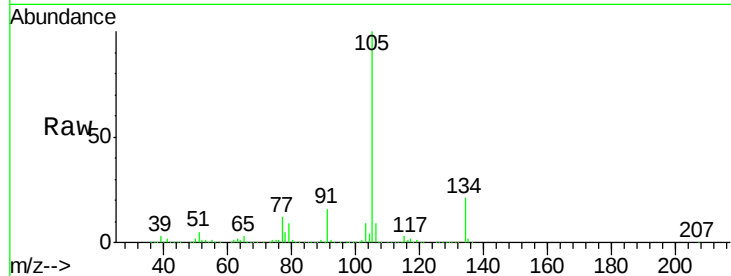




#85
 sec-Butylbenzene
 Concen: 101.58 ug/l
 RT: 13.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

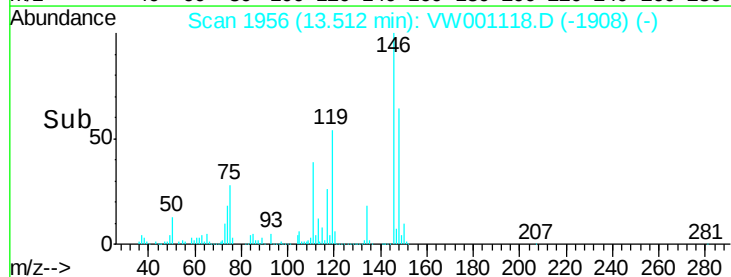
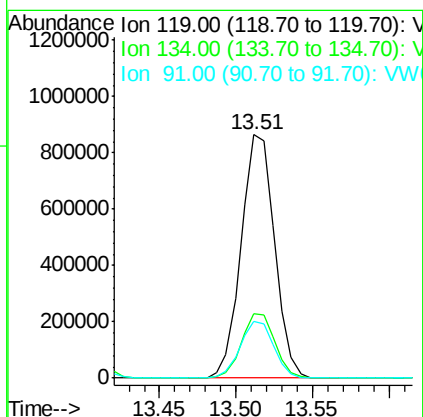
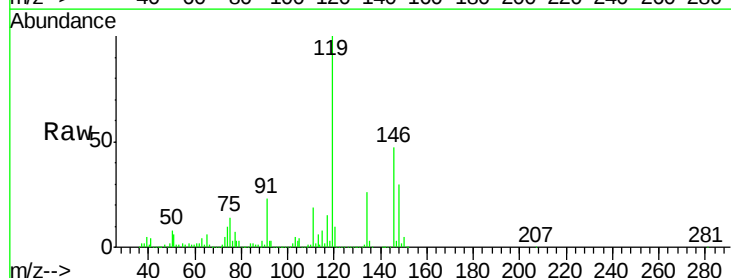
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

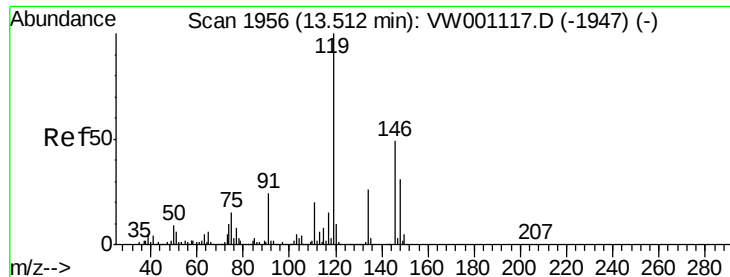
Tgt Ion:105 Resp: 1451085
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 103.23 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Tgt Ion:119 Resp: 1311137
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.1
 91 23.3 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 96.20 ug/l

RT: 13.51 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

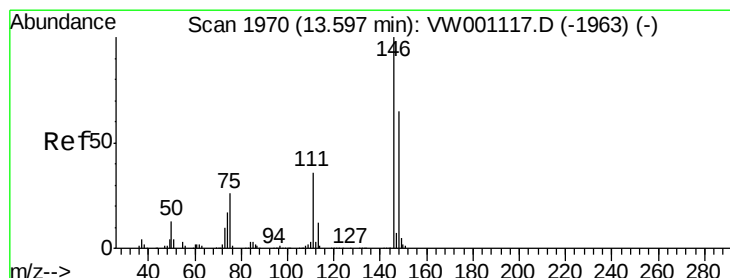
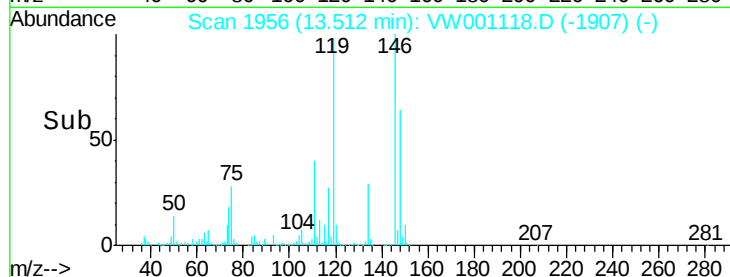
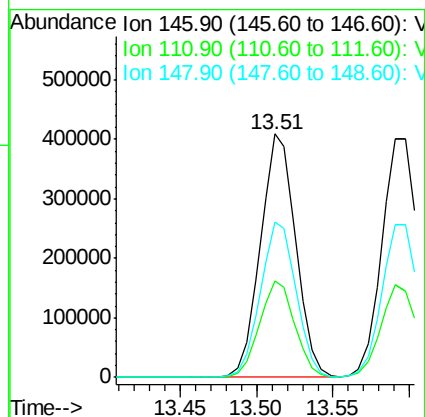
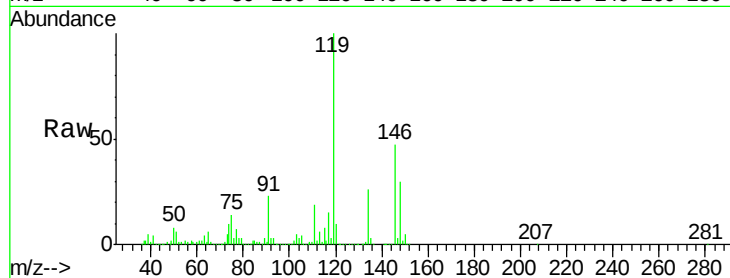
Tgt Ion:146 Resp: 659056

Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.1

148 64.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 96.08 ug/l

RT: 13.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VW001118.D

Acq: 29 Jan 2018 13:43

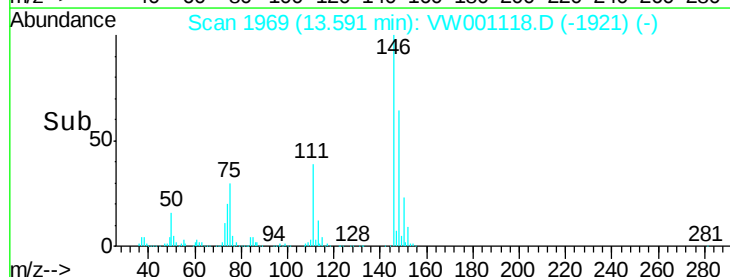
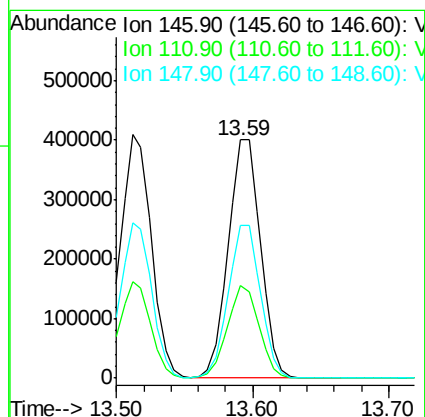
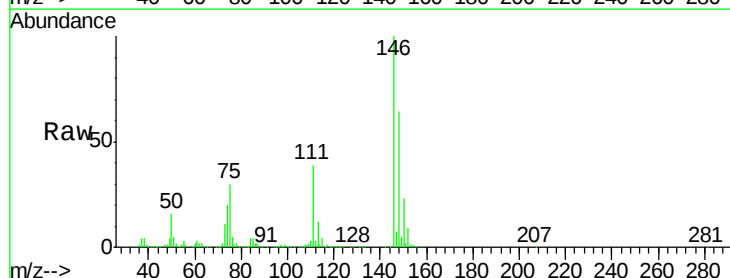
Tgt Ion:146 Resp: 661352

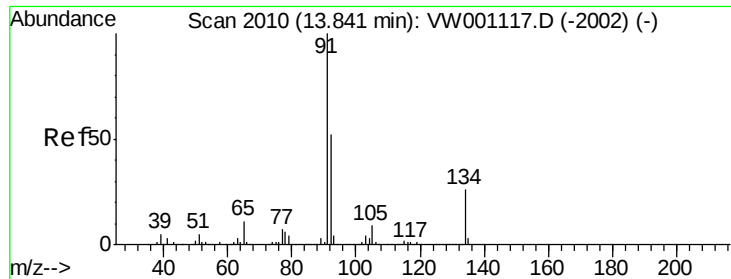
Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.1

148 64.2 32.5 97.5

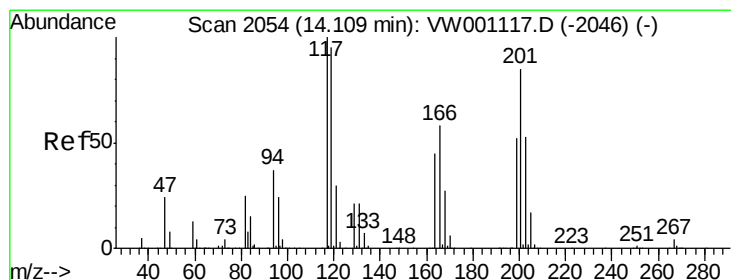
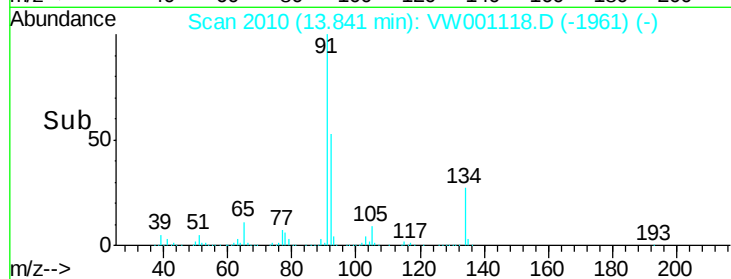
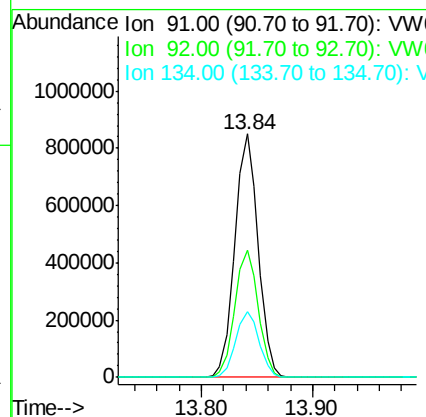
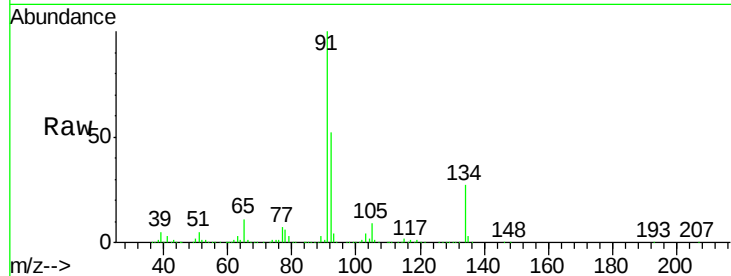




#89
n-Butylbenzene
Concen: 103.78 ug/l
RT: 13.84 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

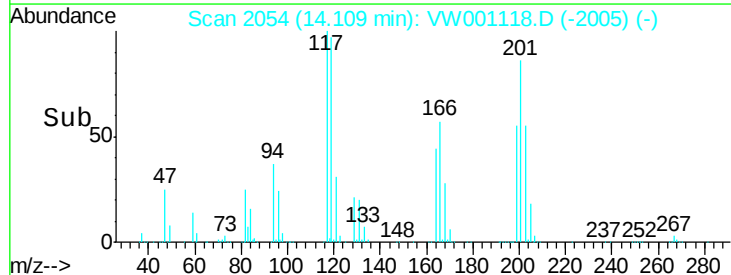
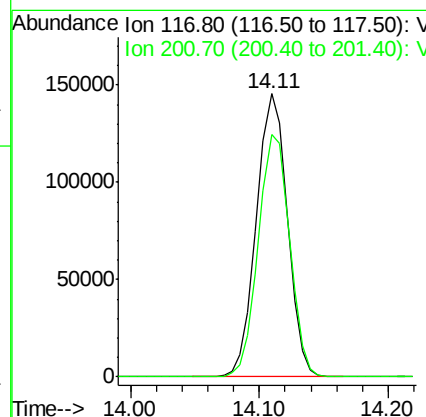
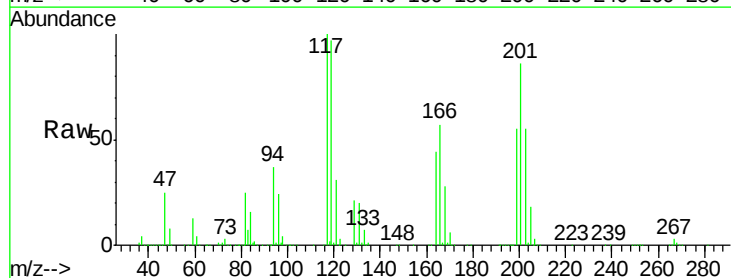
Instrument :
MSVOA_W
ClientSampled :
VSTDICC100

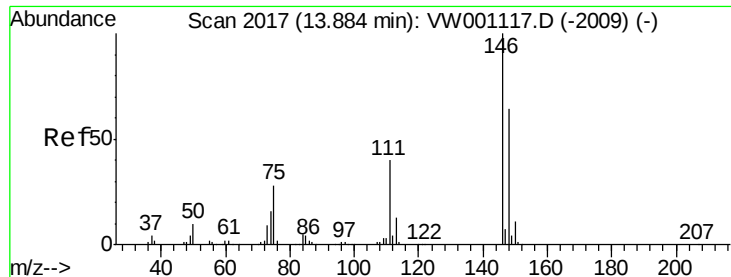
Tgt Ion: 91 Resp: 1228124
Ion Ratio Lower Upper
91 100
92 52.6 26.1 78.2
134 27.4 13.6 40.8



#90
Hexachloroethane
Concen: 101.98 ug/l
RT: 14.11 min Scan# 2054
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion: 117 Resp: 241535
Ion Ratio Lower Upper
117 100
201 86.6 43.3 129.8

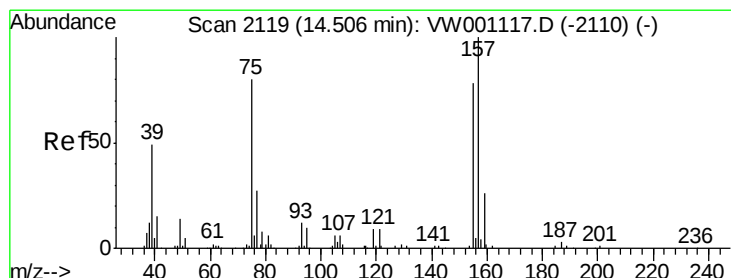
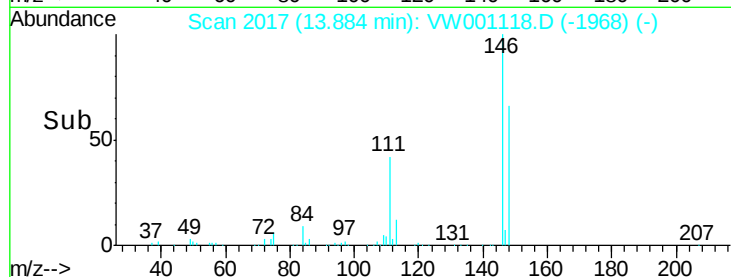
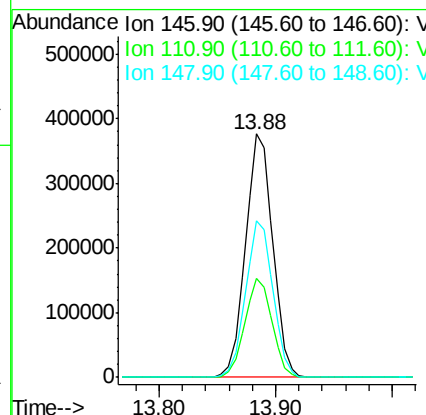
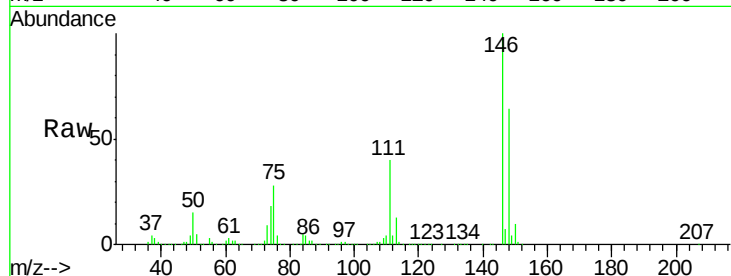




#91
 1,2-Dichlorobenzene
 Concen: 98.04 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

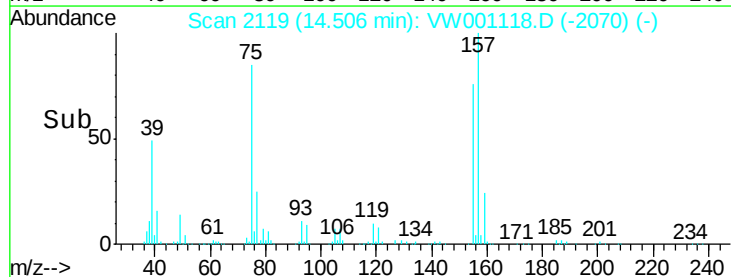
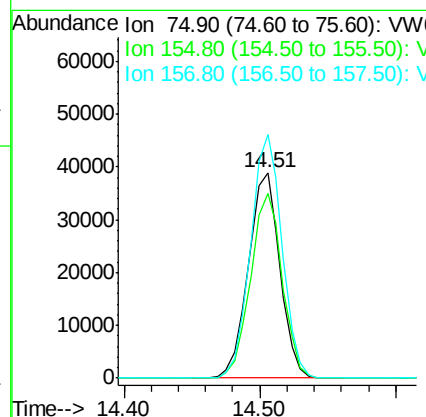
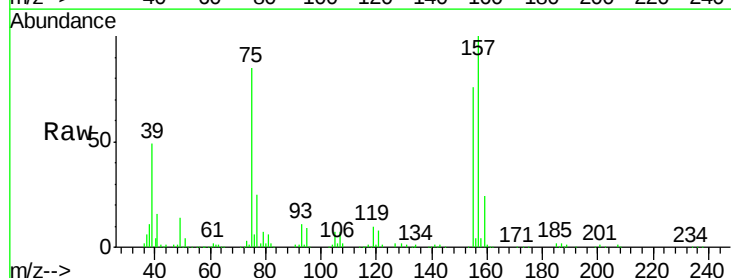
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

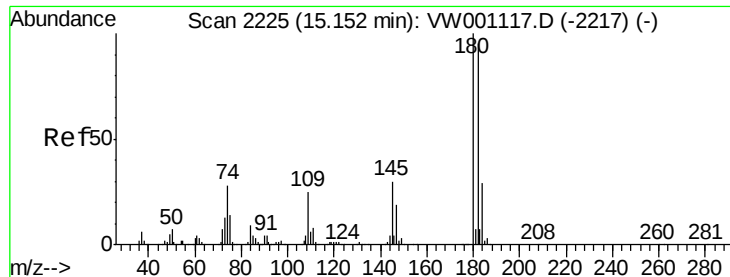
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.4	61.2
148	64.4	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 114.12 ug/l
 RT: 14.51 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.5	46.3	138.9
157	118.2	60.0	180.0

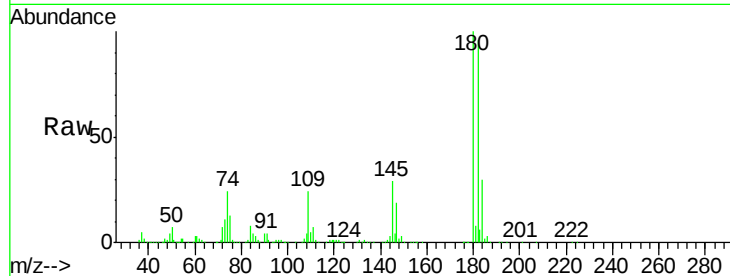




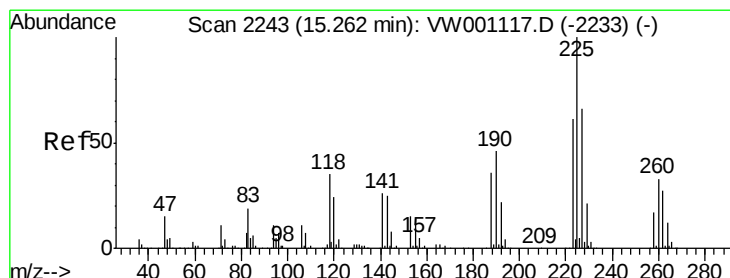
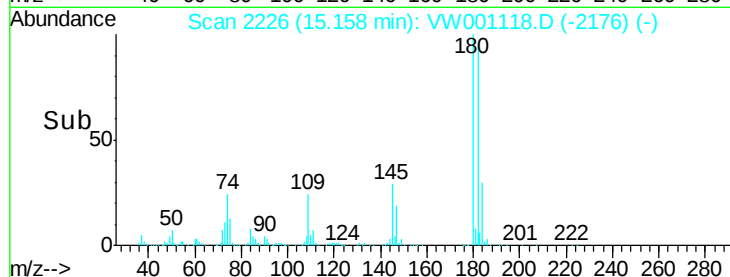
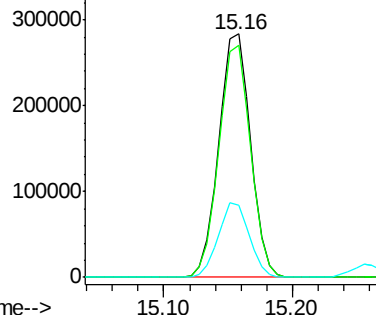
#93
 1,2,4-Trichlorobenzene
 Concen: 103.90 ug/l
 RT: 15.16 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 479404
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.6 142.9
 145 30.0 15.0 45.1

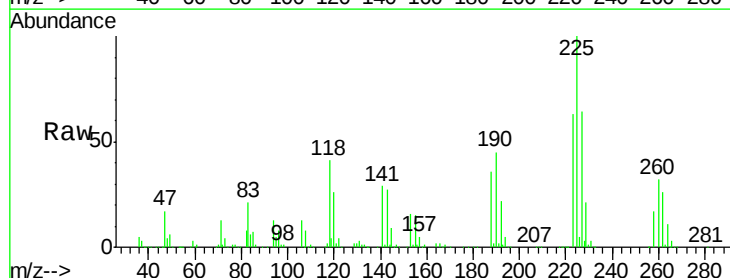


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

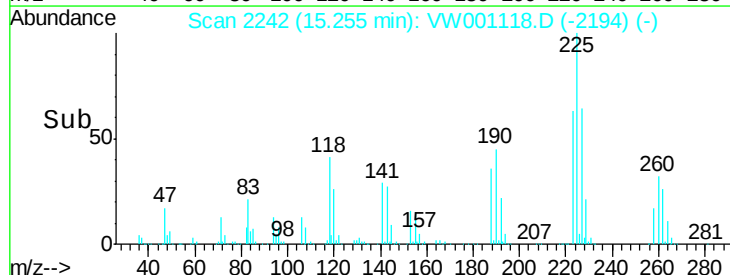
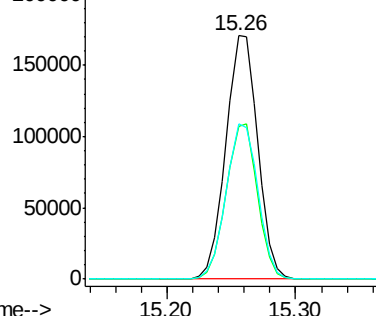


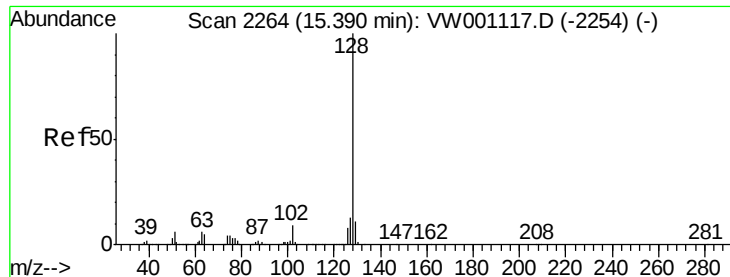
#94
 Hexachlorobutadiene
 Concen: 102.17 ug/l
 RT: 15.26 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: VW001118.D
 Acq: 29 Jan 2018 13:43

Tgt Ion:225 Resp: 291528
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.1 93.3
 227 63.7 32.6 97.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

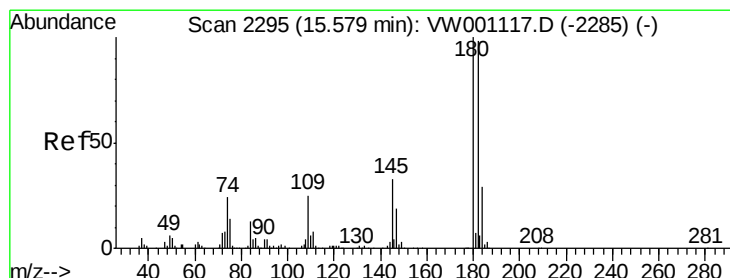
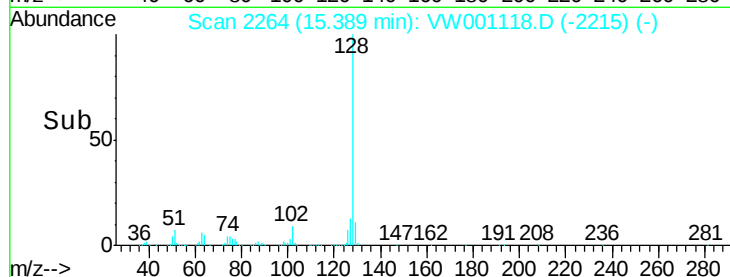
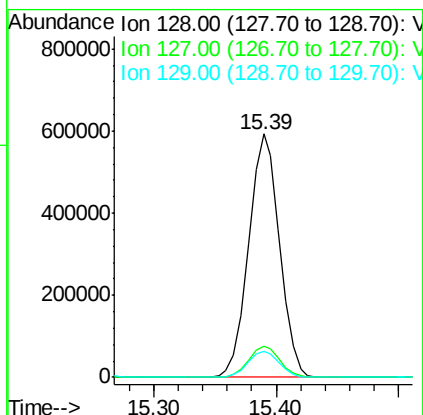
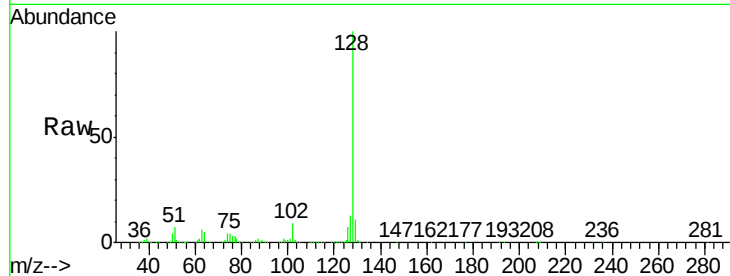




#95
Naphthalene
Concen: 114.00 ug/l
RT: 15.39 min Scan# 2264
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1037839
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 101.24 ug/l
RT: 15.58 min Scan# 2295
Delta R.T. -0.00 min
Lab File: VW001118.D
Acq: 29 Jan 2018 13:43

Tgt Ion:180 Resp: 430776
Ion Ratio Lower Upper
180 100
182 95.8 48.7 146.1
145 32.1 16.0 47.9

